

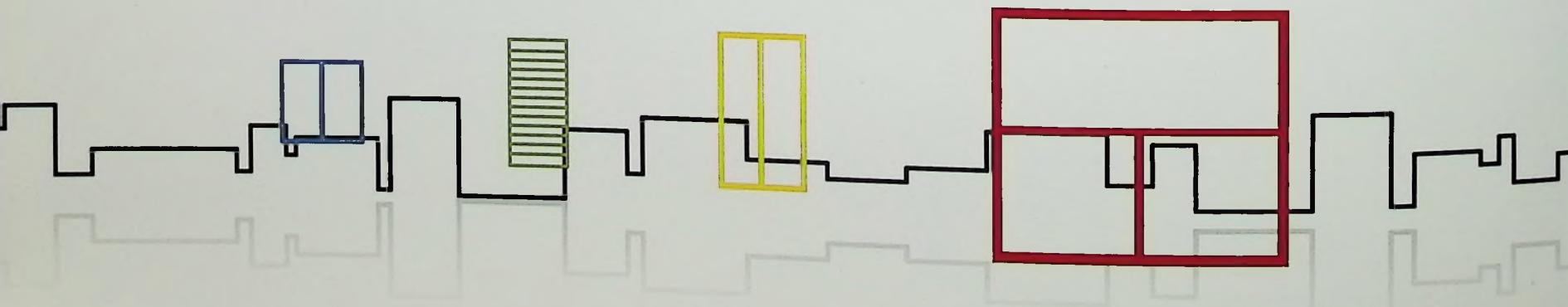
鑫迈德  
XINMAIDE

门窗幕墙系列 光伏设备系列 工业铝定制设备系列

中国•济南

## 铝门窗智能化制造系统—让门窗生产进入高精度、高标准、高效率的新境界

先进的智能化制造设备与软件系统无缝链接，使全自动化的智能工厂从概念变为现实，实现数字化工厂。

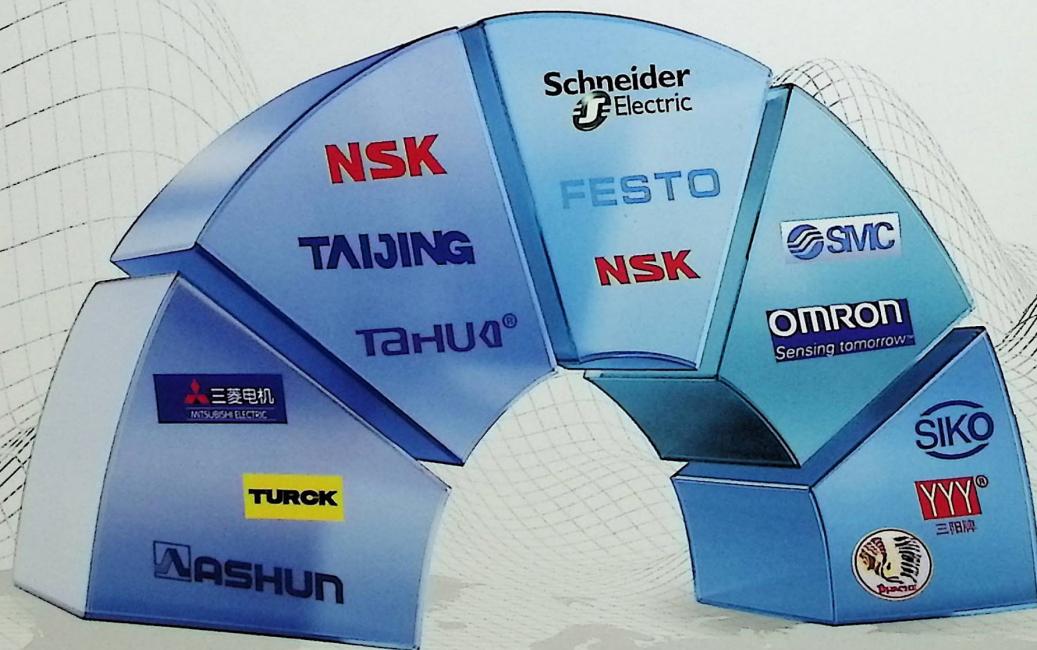




WINDOWS & DOORS  
**SMART EQUIPMENT**

创新驱动 • 智造未来  
打造门窗加工数字化、智能化工厂

# 智能制造 服务世界





## ▶ 企业简介

## Enterprise brief introduction

山东鑫迈德数控设备有限公司是一家集科研、开发、制造销售于一体的综合性科技机械制造企业，本公司自创建以来，本着以科技创新为导向、以质量求生存的宗旨，坚持技术创新和科技进步的信念，实施“专、精、细”的战略方针，在业内树立了良好的企业形象与口碑，几年来公司根据企业实际情况按照国家以及国际标准逐步建立和完善了质量管理体系、安全管理体系。

企业方针：“专业专心，精益求精”。我们专业于门窗深加工设备的开发与研制，具有独立开发设计制造的实力，企业本着踏踏实实，兢兢业业的精神，逐步发展壮大。

我们的宗旨：高质量，高效率，高精度。靠质量信誉树立品牌，让客户享受真正的经济实惠，货值其价，我们热诚欢迎国内外客户光临指导，选购产品。

Shandong XinMaide CNC Machinery Co., Ltd. is a research, development, manufacture and sales of integrated technology machinery manufacturing enterprises. The Company since its inception, in technology and innovation oriented to quality survival purpose, adhere to technological innovation and technological progress conviction, the implementation of "specialized, fine, fine," the operational policy in the industry establish a good corporate image and reputation. In recent years, the company gradually establish and improve the quality management system, safety management system in accordance with the actual situation of enterprises in accordance with national and international standards.

Business lines: "professional focus, the better." We specialize in the development and manufacture of windows and doors processing equipment, with independent development and design manufacturing strength. In the spirit of enterprise sense, conscientious, and gradually grow and develop.

Our aim: high quality, high efficiency, high precision. Establish the credibility of the brand by quality, allow customers to enjoy real economic benefits, the value of its price. We sincerely welcome customers to visit and buy products.



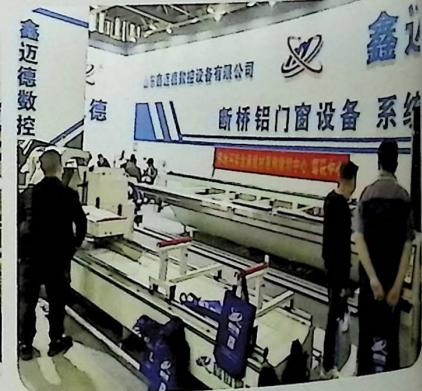
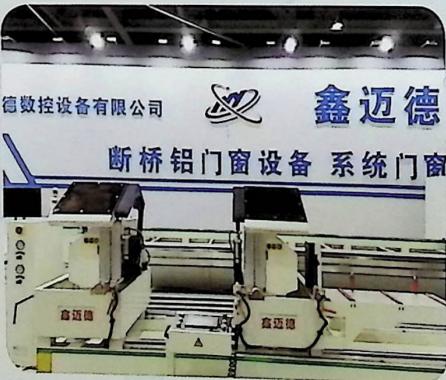
## 珍惜荣誉 续写辉煌

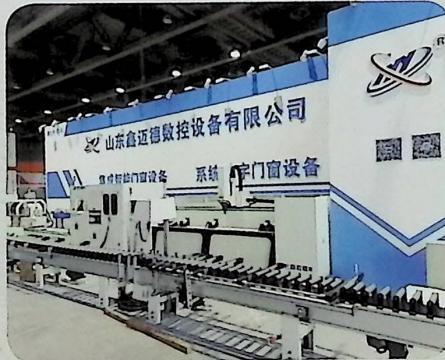
Cherish honor and continue to write brilliantly





## ► 展会现场 Exhibition Scene





## 加工车间 Processing Workshop



钣金焊接区



钣金焊接区



机加工区



机加工区



喷塑区



喷塑区



毛坯区



毛坯区



智能装配区



成品区



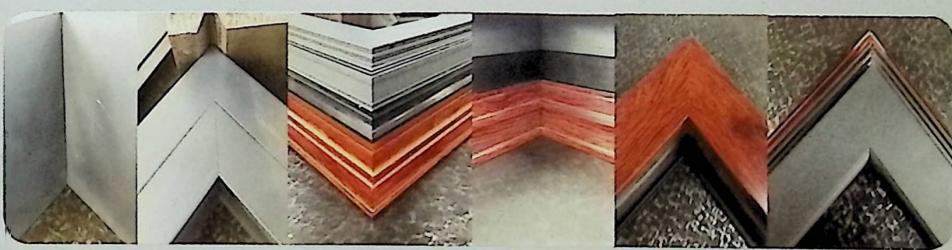
成品区



展示区



展示区



质检区

## ▶ 加工工艺 Processing Technology

(一) 钣金车间生产工艺（电焊、喷塑）



(二) 机加工生产工艺



### (三) 装配组装生产工艺



### (四) 检测标准



# P6500

## 铝门窗复合中心

Aluminum door and window composite center

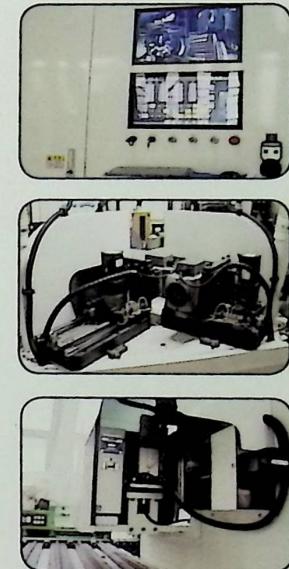
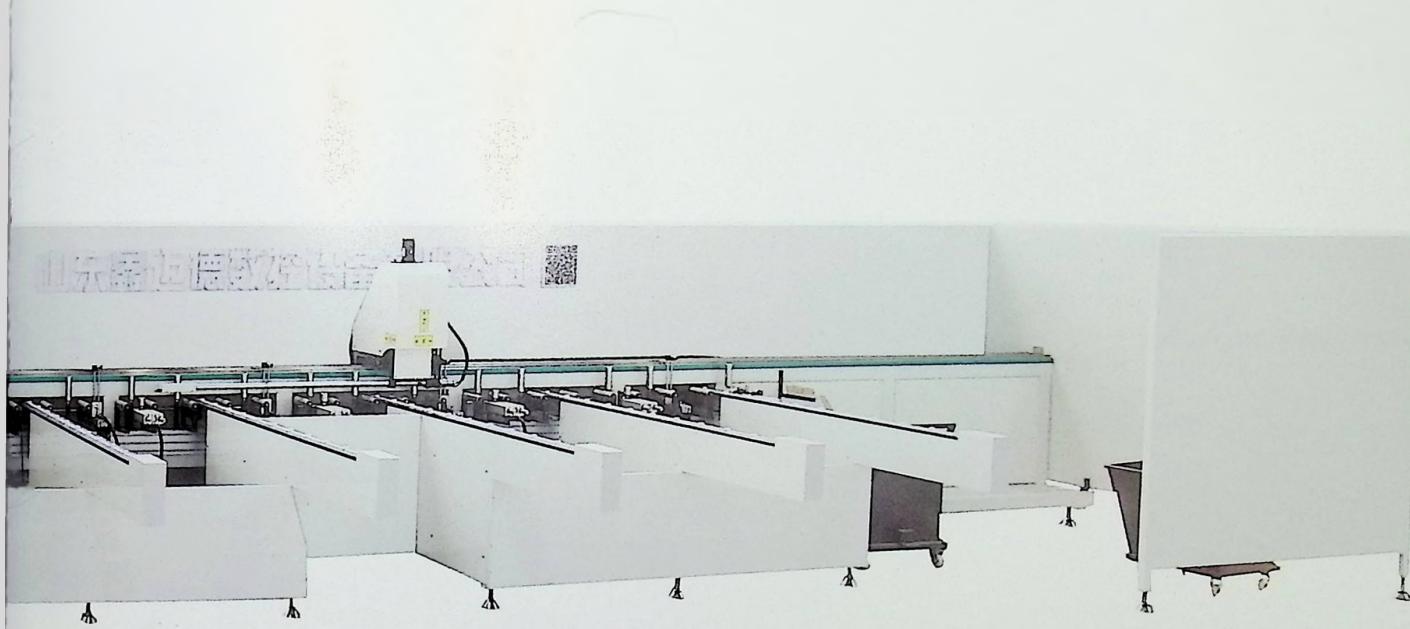


## 设备特点 Equipment Features

- ◎ 适用于自动实现铝塑门窗型材45°、45°、90°自动切割，适用于大批量高档门窗制作。
- ◎ 采用智能系统，伺服驱动器、12颗伺服电机，保证机器运行稳定、且系统可以升级。
- ◎ 送料机械手采用全闭环控制技术，高速主轴切割，确保切割精度。
- ◎ 可实现网络通讯、远程下单、实时传输加工数据自动选择加工任务。
- ◎ 可选配条码打印机，实时打印物料标识，实现工艺信息化、标识化，便于物料管理。
- ◎ 机械手拉杆夹料，保证夹料牢固、防止跑料。
- ◎ 机械手小巧，保证机械手进入到切割区，不影响压紧装置和送料辊轮，保证送料切割精度。
- ◎ 机械手定位采用测料方式，定位、可记忆，使机械手定位方便精确。(不需要手轮)
- ◎ 所有压紧装置采用方轨滑动，保证精度压料不变形，使切削精度更高。
- ◎ 三机头采用平行出锯，其中两45°采用伺服电机工进，更平稳，效率更高，保证锯片寿命和

### 切割精度。

- ◎ 三机头共有一个交叉点，连续送料无需后退切割，切割中间无多余料头，保证切割长度精度。
- ◎ 切割方式平行切割，前后出锯，保证切割上料压紧不变形，扇料切割时不需要用工装。
- ◎ 机头内部气缸设压力表，保证型材不变形，高精度3kw深V主轴电机，运行稳定，锯片夹盘跳动小，保证锯片精度高。
- ◎ 切割成品后经过同步带自动滚动，使成品料到下料区。
- ◎ 12 颗伺服 90°、45° 任意切割，双排销伺服出锯配有吸尘器。
- ◎ 配有双 45° 伺服出锯，90° 气缸出锯，精确定位，机械手调节自动识别，一次上 8 支料在等待区，效率 12-15 粉/段，四个摄像头随时监控设备运行。
- ◎ 可对接门窗软件，可连网络，可 ERP 对接，可扫码，可打印。
- ◎ 激光加铣刀任意组合，可任意角加工，激光铣刀可四面旋转，可完成注胶孔、销钉孔加工，具有划线功能。
- ◎ 90° 锯片带有切护角功能。



- ◎ Suitable for automatic cutting of aluminum plastic door and window profiles at 45° - 45° - 90°, suitable for mass production of high-end doors and windows.
- ◎ Intelligent system, servo driver, and 12 servo motors are adopted to ensure stable operation of the machine, and the system can be upgraded.
- ◎ The feeding manipulator adopts full closed-loop control technology and high-speed spindle cutting to ensure cutting accuracy.
- ◎ It can realize network communication, remote order placement, real-time transmission, and automatic selection of machining tasks by CNC.
- ◎ Optional barcode printer can be equipped to print material identification in real time, realizing process informatization and identification, facilitating material management.
- ◎ Manipulator pull rod clamping ensures firm clamping and prevents material leakage.
- ◎ The small and compact manipulator ensures that the manipulator enters the cutting area without affecting the pressing device and the feeding roller, ensuring the feeding and cutting accuracy.
- ◎ The positioning of the robot adopts the material measurement method, which is positioning and memorable, making the positioning of the robot convenient and accurate. (No handwheel required)
- ◎ All pressing devices adopt square rail sliding to ensure accurate pressing without deformation and higher cutting accuracy.
- ◎ The three heads adopt parallel output saws, of which two 45° are driven by servo motors, which is more stable and efficient, ensuring the service life and cutting accuracy of the saw blade.

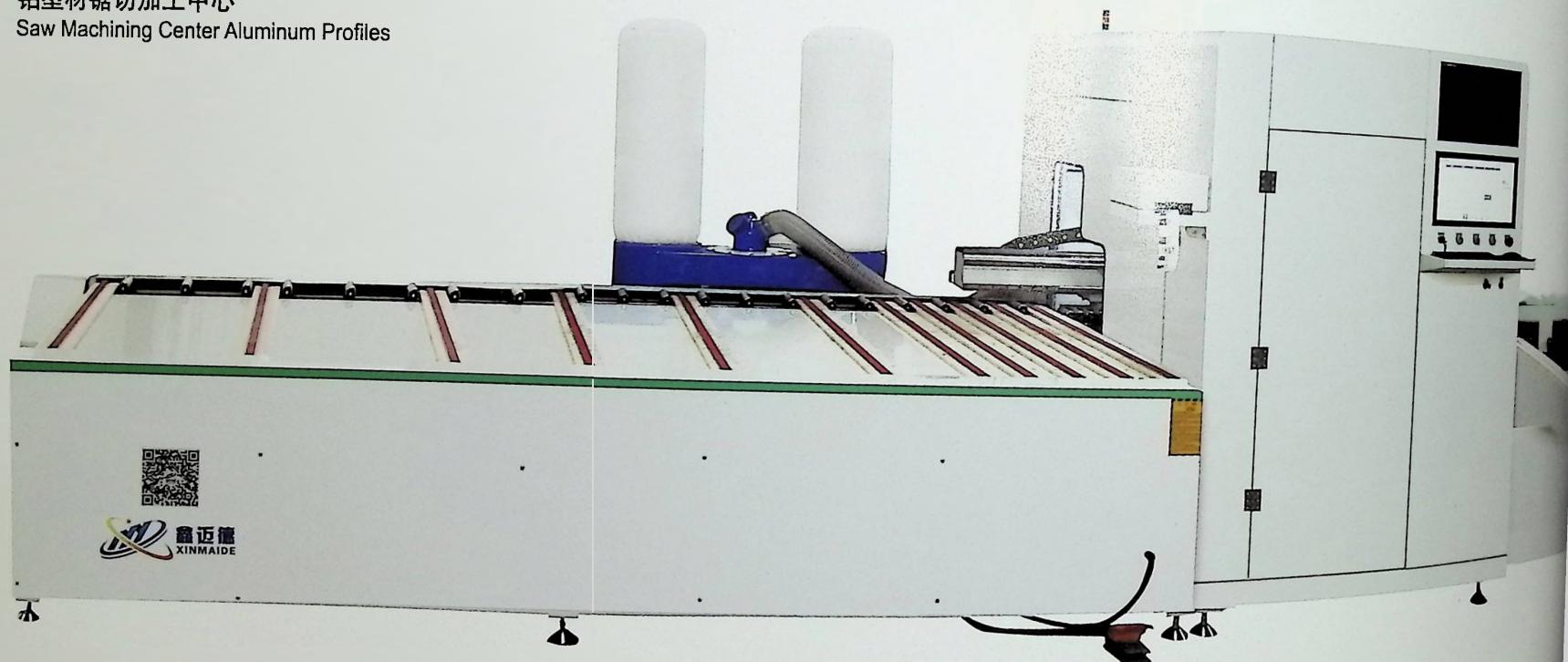
#### 技术参数 Technical Parameter

电功率 Power	电机转速 Motor speed	主轴电机功率 Spindle motor power	工作气压 Air Pressure	供气量 Air Demand	锯切长度 Cutting length	锯切宽×高 Cutting W × H	切割角度 Cutting range	切割长度精度 Cutting length accuracy	切割平面度 Cutting flatness	切割角度误差 Cutting Angle error	锯片规格 specification	上料区储存型材数量 Store the number	送料机械手速度 Feeding speed	切割效率 Cutting efficiency	外形尺寸 Contour Dimension
380V 50Hz 30kW	3000r/min	3×3kw	0.6~0.8MPa	50L/min	280×6500mm	120×150mm	45°、-45°、90°	±0.1mm	≤0.1mm	±0.5'	Φ500*4.4*Φ30 Z=120	8根	0-120m/min	约40-60min/段	15500*3100*2200mm

# MDJQA-CNC-6500

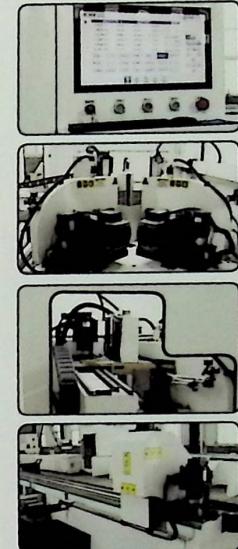
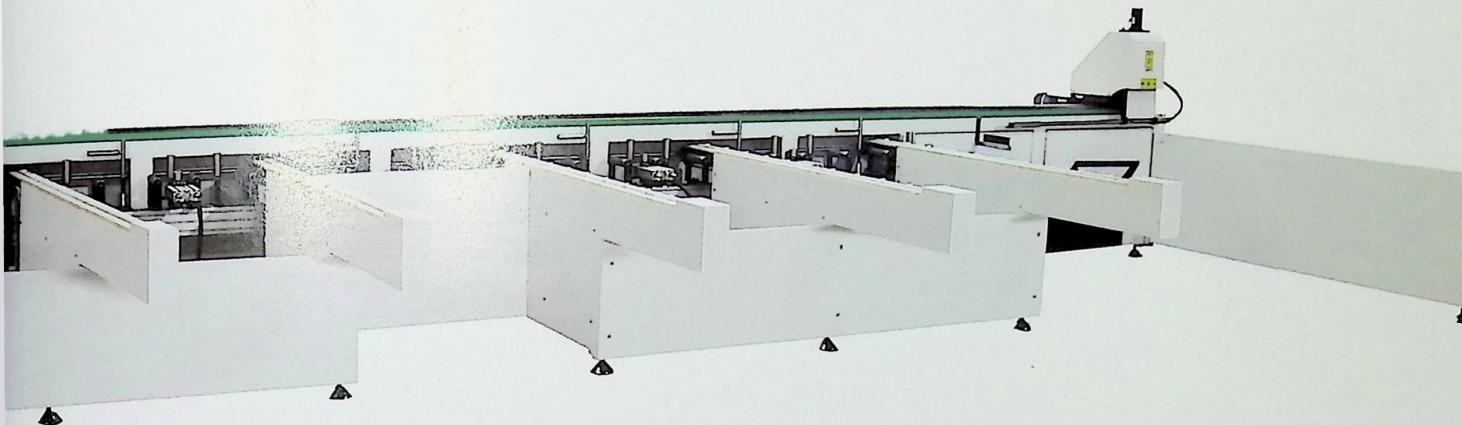
铝型材锯切加工中心

Saw Machining Center Aluminum Profiles



## 设备特点 Equipment Features

- 适用于自动实现铝塑门窗型材45°、-45°、90°自动切割，适用于大批量高档门窗制作。
- 采用智能系统、伺服驱动器、6颗伺服电机，保证机器运行稳定、且系统可以升级。
- 送料机械手采用全闭环控制技术，高速主轴切割，确保切割精度。
- 可实现网络通讯、远程下单、实时传输加工数据自动选择加工任务。
- 可选配条码打印机，实时打印物料标识，实现工艺信息化、标识化，便于物料管理。
- 机械手拉杆夹料，保证夹料牢固、防止跑料。
- 机械手小巧，保证机械手进入到切割区，不影响压紧装置和送料辊轮，保证送料切割精度。
- 机械手定位采用测料方式，定位、可记忆，使机械手定位方便精确。(不需要手轮)
- 所有压紧装置采用方轨滑动，保证精度压料不变形，使切削精度更高。
- 三机头采用平行出锯，其中两45°采用伺服电机进，更平稳，效率更高，保证锯片寿命和切割精度。
- 三机头共有一个交叉点，连续送料无需后退切割，切割中间无多余料头，保证切割长度精度。
- 切割方式平行切割，前后出锯，保证切割上料压紧不变形，扇料切割时不需要用工装。
- 机头内部气缸设压力表，保证型材不变形，高精度3kw深V主轴电机，运行稳定、锯片夹盘跳动小，保证锯片精度高。
- 切割成品后经过同步带自动滚动，使成品料到下料区。
- 6颗伺服90°、45°任意切割，双排销伺服出锯配吸尘器。
- 配有双45°伺服出锯，90°气缸出锯，精确定位，机械手调节自动识别，一次上8支料在等待区，效率12-15秒一段，四个摄像头随时监控设备运行。
- 可对接门窗软件，可连网络，可ERP对接，可扫码，可打印。
- 前后双激光，可完成注胶孔、销钉孔加工，前置激光器具有刻线功能。
- 90°锯片带有切护角功能。



- ◎ Suitable for automatic cutting of aluminum plastic door and window profiles at 45° - 45° - 90°, suitable for mass production of high-end doors and windows.
- ◎ Intelligent system, servo driver, and 6 servo motors are adopted to ensure stable operation of the machine, and the system can be upgraded.
- ◎ The feeding manipulator adopts full closed-loop control technology and high-speed spindle cutting to ensure cutting accuracy.
- ◎ It can realize network communication, remote order placement, real-time transmission, and automatic selection of machining tasks by CNC.
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- ◎ Manipulator pull rod clamping ensures firm clamping and prevents material leakage.
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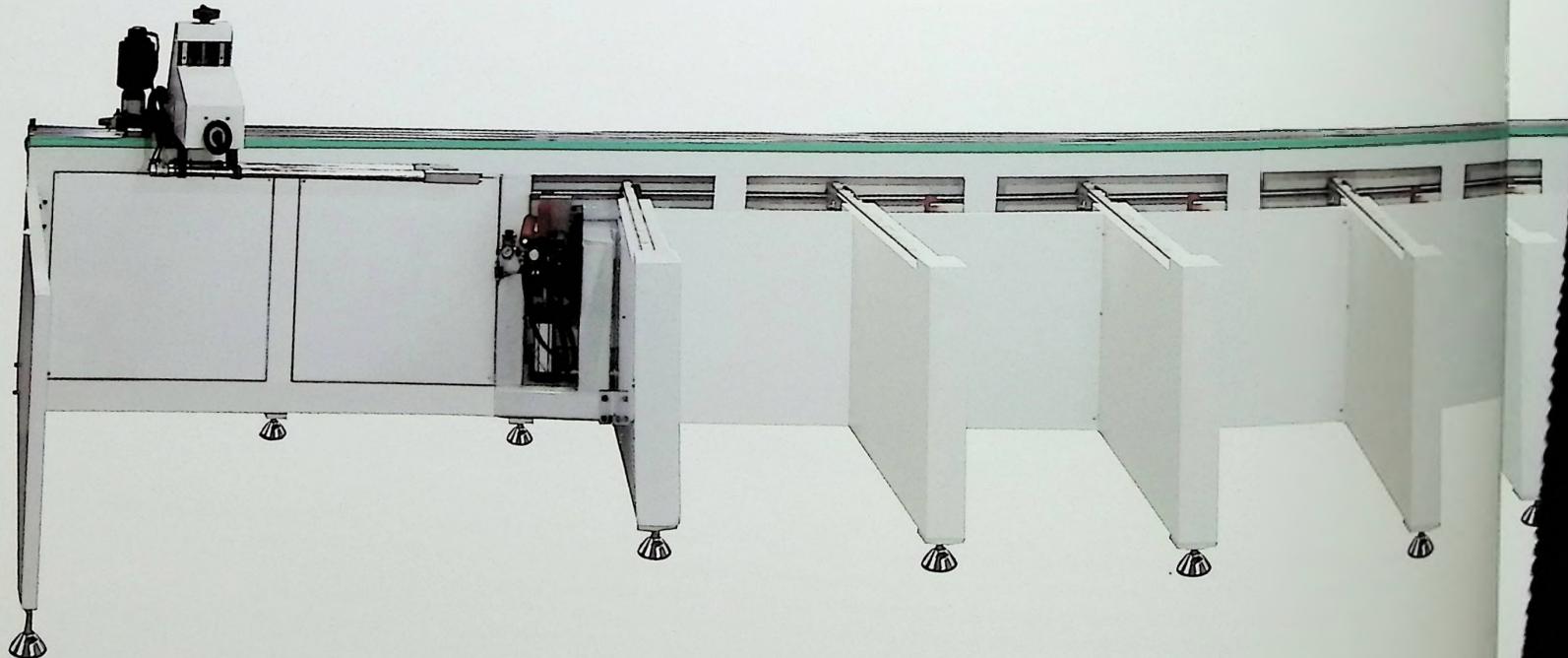
#### 技术参数 Technical Parameter

电功率 Power	电机转速 Motor speed	主轴电机功率 Spindle motor power	工作气压 Air Pressure	供气量 Air Demand	锯切长度 Cutting length	锯切宽×高 Cutting height	切割角度 Cutting range	切割长度精度 Cutting length accuracy	切割平面度 Cutting flatness	切割角度误差 Cutting Angle error	锯片规格 specification	上料区储存型材数量 Store the number	送料机械手速度 Feeding speed	切割效率 Cutting efficiency	外形尺寸 Contour Dimension
380V 50Hz 15kW	3000r/min	3 × 3kw	0.6~0.8MPa	50L/min	280 × 6500mm	120 × 150mm	45° - 45° - 90°	±0.1mm	≤0.1mm	±0.5'	Φ500*4.4*Φ30 Z=120	8根	0-120m/min	约 12-15min/段	13500 × 3100 × 2200mm

# MDZT-CNC-6500

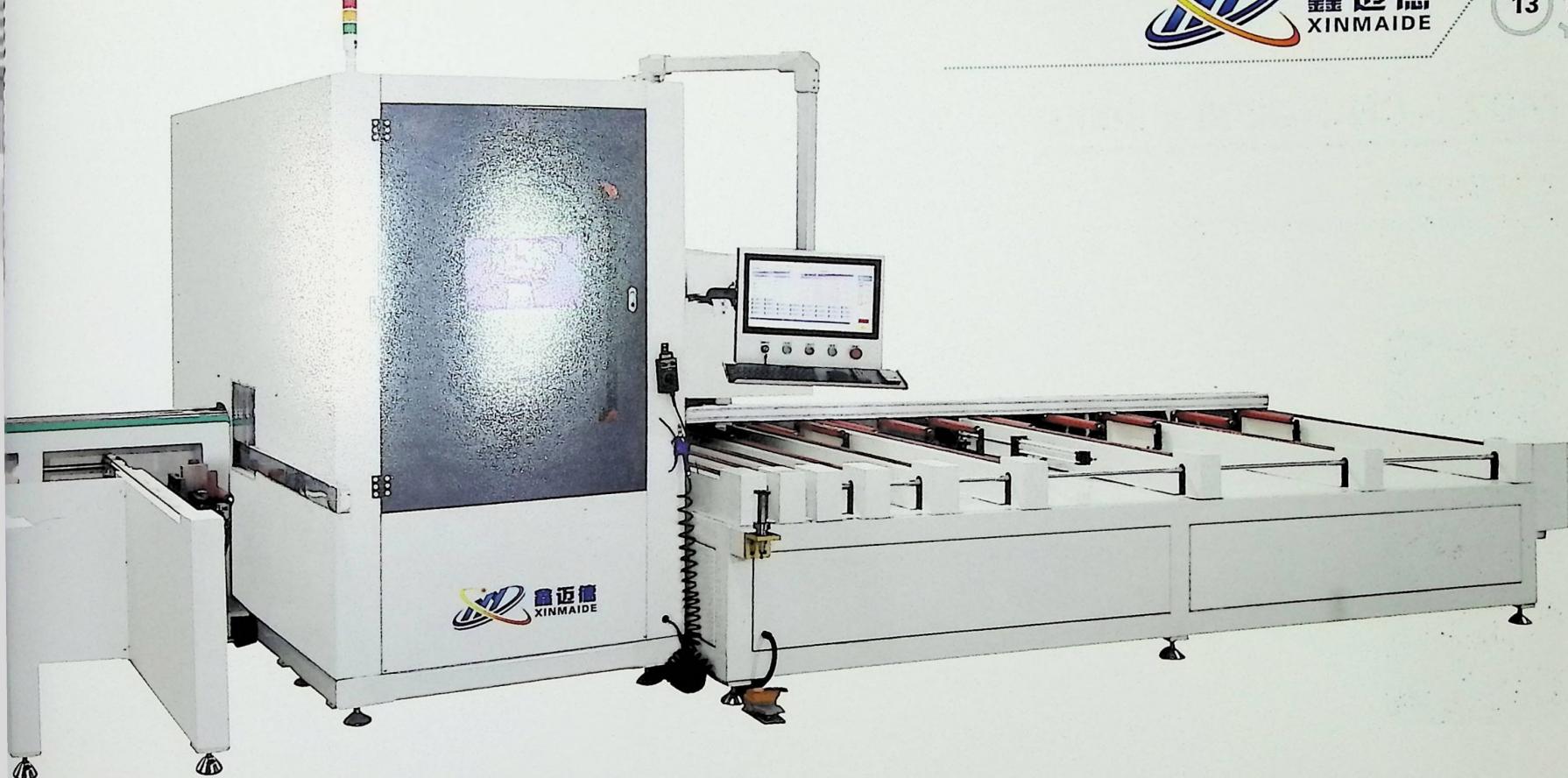
铝型材锯铣加工中心

Saw Machining Center Aluminum Profiles



## 设备特点 Equipment Features

- ◎ 本机主要针对铝门窗中挺加工(切割、铣榫)。
- ◎ 整机由上料段—加工段—出料段三部分组合而成。
  - 上料段：一次可以上8只原材料，通过机械手夹住型材同时送入切割段进行切割、铣榫。
  - 加工段：型材进入加工区到所需位置以后切断锯片启动并且自动完成切断功能。切段完成后铣榫刀片会自动启动并且完成往复铣削功能，安装单刀片往复一次完成两头端面铣削。
  - 出料段：铣榫好的型材通过出料机械手拿出放到输送带自动传出。
- ◎ 7颗伺服电机，一次上8支料精准定位，四个摄像头随时监控设备运行，配有排销传送带，切割铣削一次完成。
- ◎ 有记忆功能，平均30-40秒一段料切割和铣削。



◎ This machine is mainly used for processing (cutting and milling tenons) aluminum door and window mullions.  
◎ The whole machine is composed of three parts: loading section, processing section, and discharging section.

Feeding section: 8 raw materials can be loaded at a time, and the profile can be clamped by a manipulator while being fed into the cutting section for cutting and tenoning.

Processing section: After the profile enters the processing area and reaches the desired position, the cutting saw blade starts and automatically completes the cutting function. After the cutting is completed, the tenon milling blade will automatically start and complete the reciprocating milling function. Install a single blade to complete both end face milling at one time.

Discharge section: The milled profile is taken out by the discharge manipulator and automatically transferred out onto the conveyor belt.

◎ 7 servo motors, precise positioning of 8 pieces of material at a time, four cameras to monitor equipment operation at any time, equipped with a pin conveyor belt, cutting and milling completed at one time.

◎ With memory function, cutting and milling a section of material in an average of 30-40 seconds.

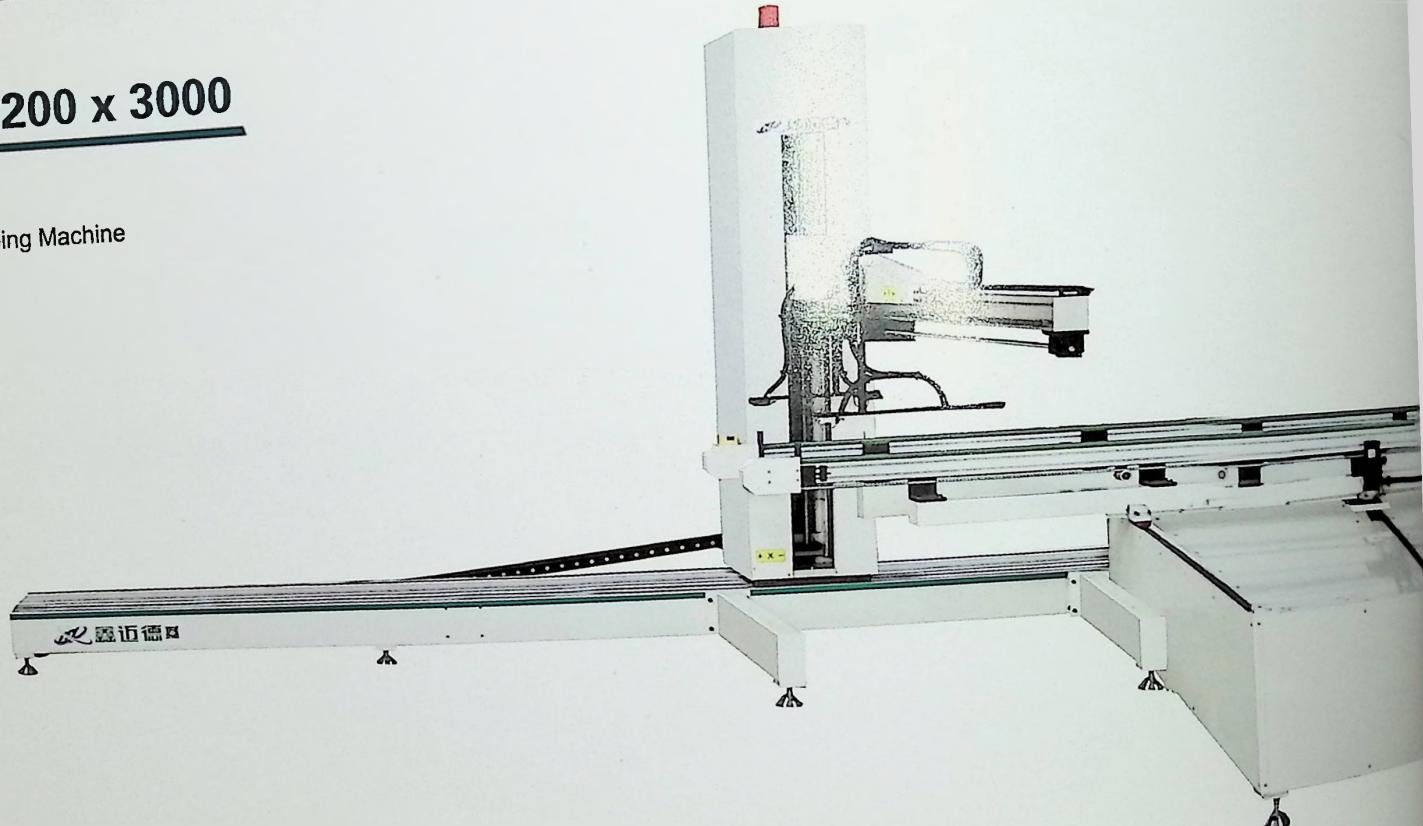
#### 技术参数 Technical Parameter

电功率 Power	工作气压 Air Pressure	电机转速 Motor speed	90° 锯切主轴功率 90° saw spindle power	锯片直径 Saw blade diameter	铣榫主轴功率 Motor speed	最大可装刀直径 Max.tool diameter	开榫最大尺寸 Max.milling depth	外形尺寸 Contour Dimension
380V 50Hz 12kW	0.6~0.8MPa	0~6000r/min	2.2kW	φ 500 × 30mm × 120T	9kW	φ 220 × φ 32mm	100 × 120mm	13500 × 3600 × 2200mm

# MDZJ-CNC-2200 x 3000

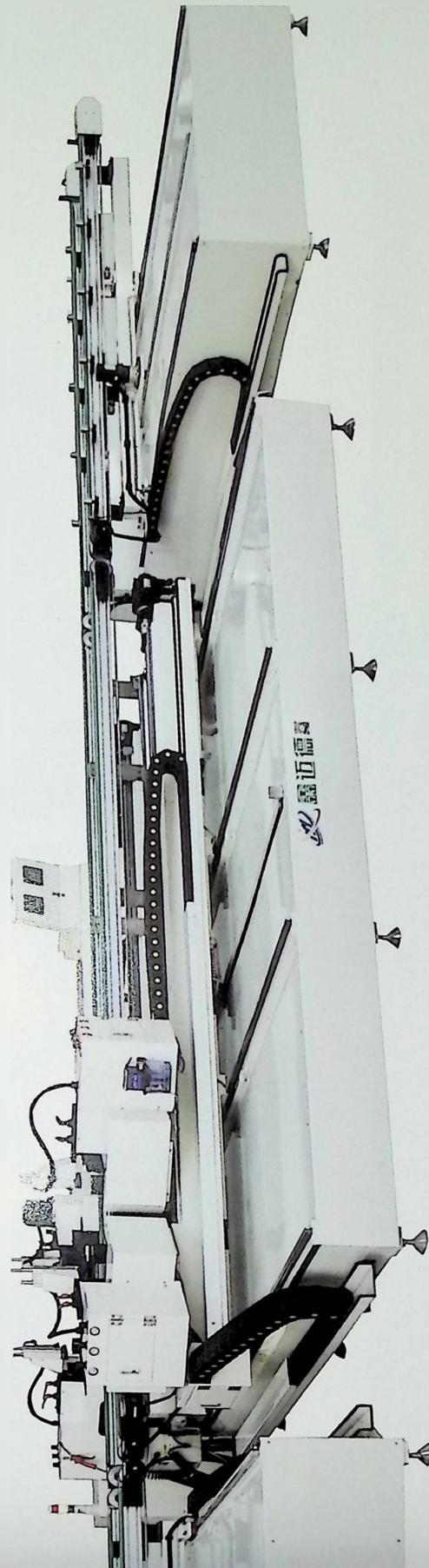
四头伺服组角线

Four Corner Automatic Crimping Machine



## 设备特点 Equipment Features

- ◎本用于铝合金门窗四角同步组角。
- ◎送料段、组角段、出料端为等高等速同步带输送，伺服开合，可实现门窗连续组角加工。
- ◎独特的外角辅助压紧组件，可实现引角、连续撞角定位、外角定位、上压紧组角定位、组角后推出等多个功能。
- ◎内角定位采用气动升降设计，框架进出时，内角定位装置隐藏于工作台板以下，可实现快速平滑上下料。
- ◎单个角的两只组角刀，采用正反滚珠丝杠伺服驱动，扎刀同步性好。采用伺服扭矩控制，保证扎刀深度和精度。
- ◎整机采用17颗伺服电机驱动滚珠丝杠传动和6颗步进电机驱动传送，配合精密直线导轨，自动化程度好，运动精度高。
- ◎这个设备所有动作都是私服电机和私服扭矩来运行。
- ◎第一优势私服同步好不错位。
- ◎第二调整方便，每一种型材只需要把刀高低调下，扎刀位置和深浅只需要输入数字，并且还有记忆功能一种型材调好一次可记忆，下次再用这个同样的型材只需要调出。
- ◎第三速度快传送采用步进电机可以随便调速度，还有传送同步好，与液压比第一优势同步，第二稳定，第三，没有温度的影响，第四记忆可记忆100余种型材参数，第五寿命，因都是数控可以升级，时间长了机械误差用数控可以用数控补偿。
- ◎第七机械结构用都是直线方轨液压都是油缸，直线方轨精度和油缸是没有可比性的。



- ◎ This product is used for synchronous corner assembly of aluminum alloy doors and windows.
- ◎ The feeding section, corner assembly section, and discharge end are transported by isochronous belt with constant speed and servo opening and closing, which can realize continuous corner assembly processing of doors and windows.
- ◎ The unique external corner auxiliary pressing assembly can achieve multiple functions such as angle guiding, continuous corner positioning, external corner positioning, upper pressing corner positioning, and corner assembly and rear pushing.
- ◎ The internal corner positioning adopts a pneumatic lifting design. When the frame enters or exits, the internal corner positioning device is hidden under the workbench, enabling fast and smooth loading and unloading.
- ◎ Two corner cutters with a single angle are driven by a positive and negative ball screw servo system, which ensures good synchronization in cutting. Servo torque control is adopted to ensure the depth and accuracy of the cutting tool.

#### 技术参数 Technical Parameter

技术参数 Technical Parameter		Technical Parameter		外形尺寸 Contour Dimension
总机功率 Power	工作气压 Air Pressure	组框最大尺寸 Max. size of group frame	组框最小尺寸 Min. size of group frame	
380V 50Hz 13.8kw	0.6~0.8MPa	Max. 2200 × 3000mm	Min. 490 × 700mm	2900mm × 3300mm 11900 × 3800 × 2600mm

## JGZX4-CNC-6000

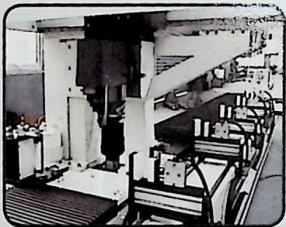
铝型材四轴数控加工中心

Four Axis CNC Machining Center for Aluminum Profiles



### 设备特点 Equipment Features

- ◎适用于工业型材加工，门窗、幕墙铝合金型材的圆孔、槽孔、锁孔、异型孔等工序的加工。
- ◎采用大功率全闭环伺服电机与台湾高精密机械主轴直接连接。
- ◎采用高速风刀架，容量6把，换刀速度快，大大提高自动换刀效率。
- ◎采用名优高精度滚珠丝杠，导轨及齿条。
- ◎集中润滑采用间歇供给系统，刀具采用系统控制喷雾泵冷却装置。
- ◎配置对刀装置系统自动记忆。
- ◎主要电器件、断路器、交流接触器均采用法国施耐德产品。
- ◎机床主要部件采用钢结构全部经过时效处理。
- ◎ Suitable for processing round holes, slot holes, lock holes, and shaped holes of industrial aluminum alloy profiles, doors and windows, and curtain wall aluminum alloy profiles.
- ◎ Adopt high-power full closed-loop spindle servo motor to directly connect with Taiwan's high-precision mechanical spindle.
- The disc type tool magazine is adopted, with a capacity of 6 pieces, and the speed of tool change is fast, greatly improving the efficiency of automatic tool change.High precision ball screw, guide rail and rack are used.
- ◎ Intermittent supply system is used for centralized lubrication, and system controlled spray pump cooling device is used for tools.
- ◎ Configure the automatic memory of the tool setting device system.
- ◎ Main electrical components, circuit breakers, and AC contactors are all made from Schneider, France.
- ◎ The main components of the machine tool are made of steel structures, all of which have undergone aging treatment.



### 技术参数 Technical Parameter

电功率 Power	工作气压 Air Pressure	行程(X轴/Y轴/Z轴) Axis speed(X/Y/Z)	刀具库 Cutter magazine	刀具类型 Cutter handle model	夹具形式 Type of clamping	加工范围 Processing range	重量 Weight	外形尺寸 Contour Dimension
380V 50Hz 15kW	0.6~0.8MPa	6000/1200/400mm	6刀位	ISO30	气动夹具 6组	200×250mm	4000kg	11000×1900×3000mm

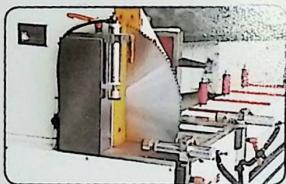
高端门窗设备生产制造商 Manufacturer of high-end doors and windows equipment

## MDJZ2S-CNC-550x4200

集成智能数控双头切割锯

Digital Arbitrary-coer Double-head Cutting Saw CNC





### 设备特点 Equipment Features

- ◎硬质合金锯片，加工精度高、耐用度高。
- ◎高精度电主轴，锯片转动稳定。
- ◎气液增压线性滑轨带阻尼气缸，使进给调速更加均匀，运动平稳。
- ◎进给基架采用台湾直线导轨运动副，精度高，稳定性好。
- ◎两锯头可根据优化下料单自动转换角度实现45° 90° 型材的角度切割。
- ◎机身采用 $100 \times 300 \times 6\text{mm}$ 的大方管使机身永久稳定不变形。
- ◎滑动机头采用直线导轨运动副，精度高，稳定性好。
- ◎机头采用整体铸造方箱，无需螺丝连接，精度高，稳定性好。
- ◎采用集成系统，可连接门窗软件，上位机制定生产计划—扫码生产优化下料单一进入设备加工流程，可与数控锯铣床、数控端面铣床连线。
- ◎可联网，可升级，可扫码，可打码，可联网对接门窗软件，实现ERP对接。
- ◎ Hard diamond saw blade, high processing precision, high durability.
- ◎ High precision 3kW electric spindle, stable rotation of saw blade.
- ◎ The pneumatic and liquid damping mechanism adopts Yadeke cylinder to make the feeding speed more uniform and the movement is stable.
- ◎ The feed adopts Taiwan silver linear guide rail motion pair, high precision, good stability.
- ◎ The Angle cutting of 45° 90° profile can be realized by automatic Angle conversion of two saw heads according to the optimized cutting sheet.
- ◎ The body adopts  $100 \times 300 \times 6\text{mm}$  generous tube to make the body permanent stability and no deformation.
- ◎ The sliding head adopts linear guide rail, high precision and good stability.
- ◎ The head adopts integral casting square box, no screw connection, high precision, good stability.
- ◎ Adopt integrated system, can connect the door and window software, the upper mechanism to determine the production plan - scan code production and optimize the cutting order - enter the equipment processing flow, can be connected with CNC saw milling machine, CNC end milling machine.
- ◎ It can be connected, upgraded, scanned, typed, and networked to the door and window software to achieve ERP docking.

### 技术参数 Technical Parameter

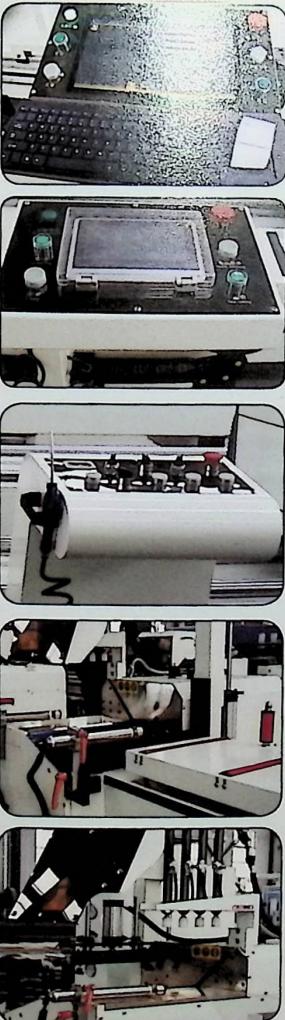
电功率 Power	工作气压 Air Pressure	锯片规格 specification	重量 Weight	锯切范围 cutting range
380V 50Hz 6Kw	0.5-0.8MPa	$\phi 550 \times \phi 30$	2200kg	380-4200mm
电机转速 Motor speed	切割角度 Cutting range	锯切宽度×高度 Cutting width × height	外形尺寸 Contour Dimension	
2800r/min	45° ~90°	170 × 190mm	$5950 \times 1800 \times 1600\text{mm}$	

## MDJZG-CNC-550×4200A/MDJZG-550×4200A

铝型材数控45度高效双头切割锯/铝型材数显45度高效双头切割锯

Digital Arbitrary-coer Double-head Cutting Saw CNC





### 设备特点 Equipment Features

- ◎硬质金钢石锯片，加工精度高、耐用度高。
- ◎高精度3kW电主轴，锯片转动稳定。
- ◎气液阻尼机构采用亚德客气缸，使进给速度更加均匀，运动平衡。
- ◎进给采用台湾上银直线导轨运动副，精度高，稳定性好。
- ◎两锯头可根据优化下料单实现锯切角度在内45° 无需加料高，长度、角度更精确。
- ◎机身采用100×200×6mm的大方管使机身永久稳定不变形。
- ◎滑动机头采用直线导轨运动副，精度高，稳定性好。
- ◎采用集成系统，可连接门窗软件，上位机制定生产计划—扫码生产优化下料单—进入设备加工流程，可与数控锯铣床、数控端面铣床连线。
- ◎ Hard diamond saw blade, high processing precision, high durability.
- ◎ High precision 3kW electric spindle, stable rotation of saw blade.
- ◎ The pneumatic and liquid damping mechanism adopts Aerdeke cylinder to make the feeding speed more uniform and the movement balance.
- ◎ The feed adopts Taiwan silver linear guide rail motion pair, high precision, good stability.
- ◎ The two saw heads can achieve a sawing angle of 45° inside according to the optimized cutting sheet without adding material height, and the length and angle are more accurate.
- ◎ The body adopts 100×200×6mm generous tube to make the body permanent stability and no deformation.
- ◎ The sliding head adopts linear guide rail, high precision and good stability.
- ◎ Adopt integrated system, can connect the door and window software, the upper mechanism to determine the production plan - scan code production and optimize the cutting order - enter the equipment processing flow, can be connected with CNC saw milling machine, CNC end milling machine.

### 技术参数 Technical Parameter

电功率 Power	工作气压 Air Pressure	锯片规格 specification	重量 Weight	锯切范围 cutting range
380V 50Hz 6Kw	0.5~0.8MPa	φ 550 × φ 30	2000kg	495~4200mm
电机转速 Motor speed	切割角度 Cutting range	锯切宽度×高度 Cutting width × height	外形尺寸 Contour Dimension	
2800r/min	45°	450 × 125mm	5700 × 1750 × 1520mm	

## MDLZ-CNC-3000

铝型材四轴加工中心

Aluminum Profile four Axis Aluminum Profile Processing Center



### 设备特点 Equipment Features

- ◎ 采用四轴数控系统，友好人机界面，设备操作简单。
- ◎ 一次装夹完成多面铣削、钻孔、倒角等多功能精密切削。
- ◎ 采用进口高精密级滚珠丝杆、导轨、齿轮齿条确保机床稳定性。
- ◎ 配备6工位容量刀库，夹具伺服定位确保设备高精度加工。
- ◎ 整机采用全封闭、多重安全防护结构，确保操作人员人身安全。
- ◎ 伺服工作台翻转180°、-90°、-0°、+90°，型材一次装夹可以实现三面加工、加工深通孔。（异型孔）
- ◎ 可扫码加工，可连线，可换刀，伺服翻转工作台，夹具伺服自动定位，一次装夹完成所有孔位。
- ◎ 通过工作台翻转实现深孔加工，效率高，精度高。

### 技术参数 Technical Parameter

电功率 Power	刀具容量 Tool Number	Y轴行程 Y-axis stroke	Z轴行程 Z-axis stroke	A轴行程 A-axis stroke	X轴行程 X-axis stroke	定位精度 (X轴Y轴Z轴) Positioning accuracy
380V 50Hz 9kW	6+8	510mm	300mm	± 95°	3000mm	± 0.05mm ± 0.03mm / ± 0.05mm
X轴进给速度 X-Axis feed	Y轴进给速度 Y-Axis feed	Z轴进给速度 Z-Axis feed	A轴进给速度 A-axis feed	B/C轴功能 Saw cutting	C轴功能 Spindle speed	D/E轴尺寸 Contour Dimension
120m/min	48m/min	20m/min	300r/min	进配功能	主轴转速	外形尺寸
				Optional function	18000r/min	4900 × 2100 × 2000mm

- ◎ 采用进口高精密级滚珠丝杆、导轨、齿轮齿条确保机床稳定性。
- ◎ 配备6工位容量刀库，夹具伺服定位确保设备高精度加工。
- ◎ 整机采用全封闭、多重安全防护结构，确保操作人员人身安全。
- ◎ 伺服工作台翻转180°、-90°、-0°、+90°，型材一次装夹可以实现三面加工、加工深通孔。（异型孔）
- ◎ 可扫码加工，可连线，可换刀，伺服翻转工作台，夹具伺服自动定位，一次装夹完成所有孔位。
- ◎ 通过工作台翻转实现深孔加工，效率高，精度高。

# MDLDX7-300

## 铝型材七轴端面加工中心

Aluminum Profile Seven Axis End Face Machining Center



### 设备特点 Equipment Features

- ◎ 用于门窗幕墙料端面的铣削，还用于铝幕墙型材、阳光房型材、采光天窗型材端面接口的切割。
- ◎ 走刀式设计，避免工件抖动；进给系统采用进口直线导轨副，精度高，稳定性好。
- ◎ 刀片深度和高度的调节由私服电机控制，更精准快速，节省刀片调整的时间。
- ◎ 机头左右移动采用矢量双变频装置，进刀速度可调，快速退刀；硬质合金锯片，精度高，耐用。
- ◎ 其中一个刀片可以0° 和90° 之间自动切换切割；封闭防护罩使工作安全。
- ◎ 大功率电机，避免铣削过程中卡料；一次铣削多根型材，效率高。
- ◎ 刀具上下、前后可调，不必订制刀具，生产准备缩短、周期和降低成本；刀具直径大，切割速度高，加工面质量好。
- ◎ 系统有保存记忆功能，可记忆 100 多种型材。
- ◎ 同一种型材只调一次，以后再次使用只需要输入编号。

- ◎ Used for the milling tenon of the end face of the material of the door and window curtain wall, also used for cutting the end face interface of aluminum curtain wall profiles, sunlight room profiles and lighting skylight profiles.
- ◎ Knife design, avoid workpiece jitter; Feeding system adopts imported linear guide rail pair, high precision, good stability.
- ◎ The adjustment of blade depth and height is controlled by private server motor, which is more accurate and fast, saving the time of blade adjustment.

### 技术参数 Technical Parameter

电功率 Power	工作气压 Air Pressure	锯切深度 Cutting depth	锯切宽度 Cutting width	锯切高度 Cutting height	锯片规格 Saw Blade specification
380V 50Hz 3 × 3kw	0.5-0.8MPa	105mm max 550 mm at 90°		200mm	旋转锯片:330 × 4.5 × 30 Z=60 水平锯片:300 × 4.0 × 30 Z=40 300 × 6.5 × 30 Z=40 × 2
电机转速 Motor speed	耗气量 Gas consumption		锯切范围 Sawing range	重量 Weight	外形尺寸 Contour Dimension
2800r/min	30L/min		380-4200mm	2500kg	3240 × 970 × 1670 mm

## MDLDX5-300

铝型材五轴端面铣加工中心  
Aluminum Profile Five Axis End Milling Machining Center

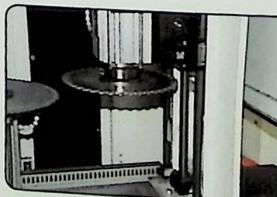


### 设备特点 Equipment Features

- ◎ 用于门窗幕墙墙料端面的铣削，还用于铝幕墙型材、阳光房型材、采光天窗型材端面接口的切割。
- ◎ 进给式设计，避免工件抖动：进给系统采用进口直线导轨副，精度高，稳定性好。
- ◎ 刀具深度和高度的调节由伺服电机控制，更精准快速，节省刀片调整时间。
- ◎ 机头左右移动采用矢量双交频装置，进刀速度可调，快速退刀：硬质合金锯片，精度高，耐用。
- ◎ 换一个刀片可以在 0° 和 90° 之间自动切换切割：封闭防护罩使工作安全。
- ◎ 大功率电机，避免铣削过程中卡料：一次铣削多根型材，效率高。
- ◎ 系统有保存记忆功能，可记忆 100 多种型材。
- ◎ 同一种型材只调一次，以后再次使用只需要输入编号。
- ◎ It is used for milling and tenon the end face of curtain wall material of doors and Windows.
- ◎ Knife type design, avoid the workpiece jitter: the feed system adopts imported linear guide rail, high precision, good stability.
- ◎ The adjustment of blade depth and height is controlled by servo motor, which is more accurate and fast, saving the time of blade adjustment.
- ◎ The machine head moving around adopts vector double alternating frequency device, the feeding speed can be adjusted, and the cutting back is fast: hard alloy saw blade, high precision and durable.
- ◎ One of the blades can automatically switch cutting between 0° and 90° : closed protective case makes the work safe.
- ◎ High-power motor, avoid material jam in milling process; Milling multiple profiles at one time, high efficiency.
- ◎ The system has a memory saving function, which can store more than 100 profiles.
- ◎ The same profile can only be adjusted once, and it only needs to enter the number for future use.

### 技术参数 Technical Parameter

电功率 Input power	工作气压 Air Pressure	锯切深度 Cutting depth	锯切宽度 Cutting width	锯切高度 Cutting height	锯片规格 Saw Blade Specification
380V 50Hz 3x3Kw	0.5~0.8MPa	105mm	Max550 mm at 90°	200mm	旋转锯片:330x30x4.5 Z=67 水平锯片:300x30x6.5 Z=40
电机转速 Motor speed	耗气量 Gas consumption	锯切范围 Sawing range		重量 Weight	外形尺寸 Contour Dimension
2800r/min	30L/min	380~4200mm		2000kg	3000x1500x1900mm



## LJMJ-CNC-500/LJMJ-500

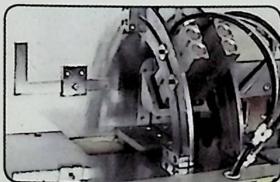
铝型材数控角码自动切割锯/铝型材角码自动切割锯  
CNC Corner Connector Auto Cutting Saw

### 设备特点 Equipment Features

- ◎ 用于铝合金等工业型材角码切割。
  - ◎ 选用德国硬质合金锯片，精密滚珠丝杆进口导轨，主部件均采用铸造而成，故该机具有高强度、高精度与优秀的稳定性。
  - ◎ 自动记数系统，可自行设置切割数量，方便批量下料。
  - ◎ 往返送料功能，可实现超长料的切割。
  - ◎ 进口硬质合金锯片，加工精度高，耐用度高。
  - ◎ 气液传动控制，安全稳定，生产效率高。
- ◎ Used for angle cutting of industrial profiles such as aluminum alloy.
- ◎ The machine is made of German carbide saw blades, precision ball screw, imported guide rails, and main components by casting, so it has high strength, high accuracy, and excellent stability.
- ◎ Automatic counting system, which can set the cutting quantity by itself, facilitating batch blanking.
- ◎ The round-trip feeding function can realize the cutting of ultra-long materials. Imported carbide saw blade, with high machining accuracy and high durability.
- ◎ Pneumatic transmission control, safe and stable, and high production efficiency.

### 技术参数 Technical Parameter

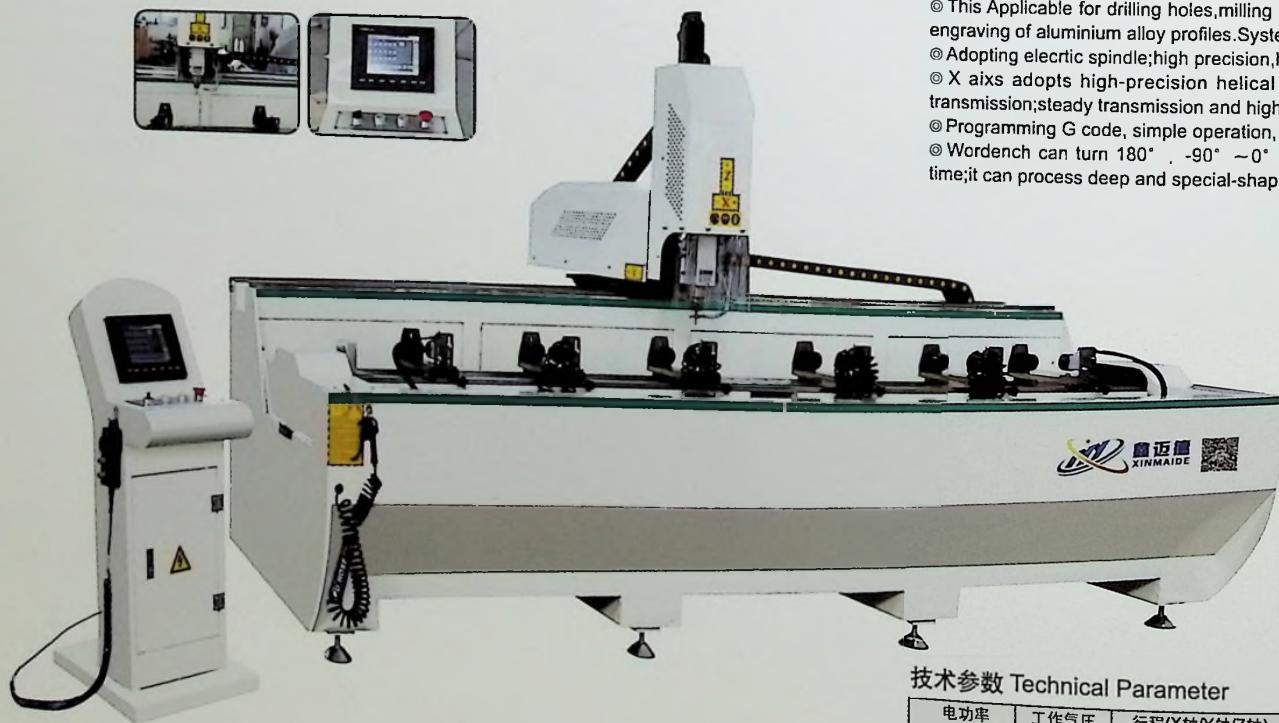
电功率 Power	工作气压 Air Pressure	锯片规格 Specification	锯切宽度×高度 Cutting width × height
380V 50Hz 3.0kw	0.5~0.8MPa	Φ 500 × Φ 30	135 × 300mm
电机转速 Motor speed	自动送料长度 Auto feeding length	重量 Weight	外形尺寸 Contour Dimension
2800r/min	5~700mm	800kg	1700 × 1400 × 1220mm



# MD-CNC-3500

## 铝幕墙数控钻铣床

CNC Drilling and Milling Machine



## 设备特点 Equipment Features

- ◎ 适用于工业铝合金型材的钻孔、~~槽~~、圆孔、异型孔、平面雕刻等加工。系统采用台湾新一代CNC数控系统。
- ◎ 采用电主轴，精度高、安全性好、可靠性高。
- ◎ X轴采用高精度斜齿轮、斜齿条，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。
- ◎ 工作台翻转180°、-90° ~ 0° ~ +90°，型材一次装夹可以实现三面加工，加工深通孔(异型孔)时，通过工作台翻转实现深孔加工，效率高、精度高。

◎ This Applicable for drilling holes,milling grooves,processing circular holes and special-shapes holes,plane engraving of aluminium alloy profiles.System adopts Taiwan Synter CNC controller.  
◎ Adopting electric spindle;high precision,high safety and reliability.  
◎ X axis adopts high-precision helical gear and rack;Y and Z axis adopt high-precision ball screw transmission;steady transmission and high precision.  
◎ Programming G code, simple operation, high efficiency, low labor intensity.  
◎ Workbench can turn 180°, -90° ~ 0° ~ +90° ; it can realize three-sides processing by clamping one time;it can process deep and special-shaped holes through workbench;high efficiency and precision.

## 技术参数 Technical Parameter

电功率 Power	工作气压 Air Pressure	行程(X轴/Y轴/Z轴) X-axis speed(X/Y/Z)	主轴转速 Main axis rev	刀柄类型 Cutter handle model	重量 Weight	外形尺寸 Contour Dimension
380V 50Hz 3.5Kw	0.5~0.6MPa	3100mm/300mm/280mm	18000r/min	ER25 × φ 8	约1800kg	3800 × 1500 × 1950mm

## MD-CNC-800

### 铝幕墙数控钻铣床

CNC Drilling and Milling Machine



### 设备特点 Equipment Features

- ◎ 本机适用于工业铝型材、幕墙铝合金型材的圆孔、槽孔、锁孔、异形孔等以及铝型材的铣削等工序的加工。(支持定制生产)
- ◎ 主轴采用风冷主轴电机，功率 4.5KW, 转速 0-18000rpm, 精度高，安全性好，可靠性高。
- ◎ 控制系统台湾 E+控制系统，系统自带常用图形，操作简单，有无工作经验者均可快速适应。效率高，劳动强度低。
- ◎ 运动副采用高精度方轨，滑块。X 轴 Y 轴 Z 轴采用高精度滚珠丝杠传动。传动平稳，有效提高整机精度。
- ◎ U 轴采用步进电机与减速机实现工作台旋转，定位准确，翻转平稳。
- ◎ 刀具采用控制喷雾冷却装置，有效提高刀具的使用寿命

- ◎ This machine tool is applicable to the processing of round holes, slot holes, lock holes, and shaped holes of industrial aluminum profiles and curtain wall aluminum alloy profiles, as well as the milling and other processes of aluminum profiles (Support customized processing)
- ◎ The main shaft adopts an air-cooled main shaft motor with a power of 4.5KW and a rotational speed of 0-18000rpm, featuring high accuracy, good safety, and high reliability.
- ◎ Adopt an independent Taiwan E+control system, which comes with commonly used graphics and is easy to operate. Anyone with or without work experience can quickly adapt. High efficiency and low labor intensity.
- ◎ The motion pair adopts high-precision square rails and sliders. X-axis Y-axis Z-axis adopts high-precision ball screw transmission. Smooth transmission, effectively improving the accuracy of the entire machine.
- ◎ The U-axis adopts a stepper motor and a reducer to rotate the workbench, ensuring accurate positioning and stable turnover.
- ◎ The tool adopts a controlled spray cooling device to effectively improve the service life of the tool

### 技术参数 Technical Parameter

电功率 Power	工作气压 Air Pressure	有效行程(X轴/Y轴/Z轴) Axis speed(X/Y/Z)	运行速度 Running speed	外形尺寸 Contour Dimension
380V 50Hz 5.5Kw	0.5-0.6MPa	800/340/340mm	(X/Y/Z)2500/2500/2500mm/min	1300 × 1200 × 1700mm

LYA-02

### 双头液压冲床

Double head hydraulic press



#### 设备特点 Equipment Features

- ◎ 用于铝合金门窗组装，铝合金型材冲压工序；
  - ◎ 每个组合冲摸可完成多个冲压，通过更换不同工位完成不同的冲压。
- ◎ Used for installation of aluminum alloy windows and doors and the punching processing of aluminum profiles.
- ◎ Punching process, by changing processing position, various types profiles can be processed.

#### 技术参数 Technical Parameter

电功率 Electric power	油箱容积 Capability of oil box	冲压行程 Punching Travel	重量 Weight	外形尺寸 Contour Dimension
380V 50Hz 2.2kw	50L	30mm	800kg	1600×750×1500mm

## MDZLT-255

无线测量数控压条切割锯

Unlimited Measurement CNC Batten Saw



### 设备特点 Equipment Features

- ◎ 采用无线测量数据传输，采集数据准确，切割精度0.05mm。
- ◎ 采用全闭环驱动运行系统，避免齿条传磨损后的误差，自动修正数据。
- ◎ 该机采用卧式安装形式，操作简单、运行平稳，型材夹持方便，生产效率高。
- ◎ Adopt wireless measurement data transmission, accurate data acquisition, cutting precision 0.05mm.
- ◎ Full closed loop drive operation system, avoid rack transmission error after wear, automatic correction data.
- ◎ The machine adopts horizontal installation form, simple operation, stable operation, convenient clamping profile, high production efficiency.

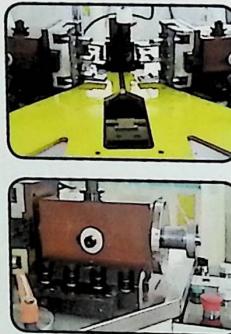
### 技术参数 Technical Parameter

电功率 Power	工作气压 Air Pressure	锯片规格 specification	切割尺寸 Cutting size	电池及寿命 Battery and life	测量精度 Measurement precision
380V 50Hz 3Kw	0.4~0.8MPa	Φ 255 × 25.4 × 120T	60~100mm	1.5v 180天	0.05
电机转速 Motor speed	台面高度 Mesa height	滑台长度 Sliding table length	测量范围 Measurement range	重量 Weight	外形尺寸 Contour Dimension
3000r/min	800mm	190 × 2500mm	200~1850mm	350kg	5950 × 1800 × 1800mm

## LMB-160B

铝门窗重型同步组角机

Corner Combining Machine



### 设备特点 Equipment Features

- ◎ 适用于超宽超厚铝型材的组角
- ◎ 左右冲头由一支液压缸通过机械联动机构驱动，实现两冲头工作钢性同步进给，避免组角过程的无益变形，使窗角连接更牢固。
- ◎ 有液压系统提供动力，使工作平稳可靠。
- ◎ 操作简单、性能可靠、技术先进、易于维护保养。
- ◎ Suitable for extra wide and extra thick aluminum profiles.
- ◎ The left and right punch is driven by a hydraulic cylinder through a mechanical linkage mechanism to realize the synchronous feeding of steel working of the two punches, avoiding useless deformation in the process of forming Angle and making the connection of window Angle more firm.
- ◎ There is a hydraulic system to provide power, so that the work is stable and reliable.
- ◎ Simple operation, reliable performance, advanced technology, easy maintenance.

### 技术参数 Technical Parameter

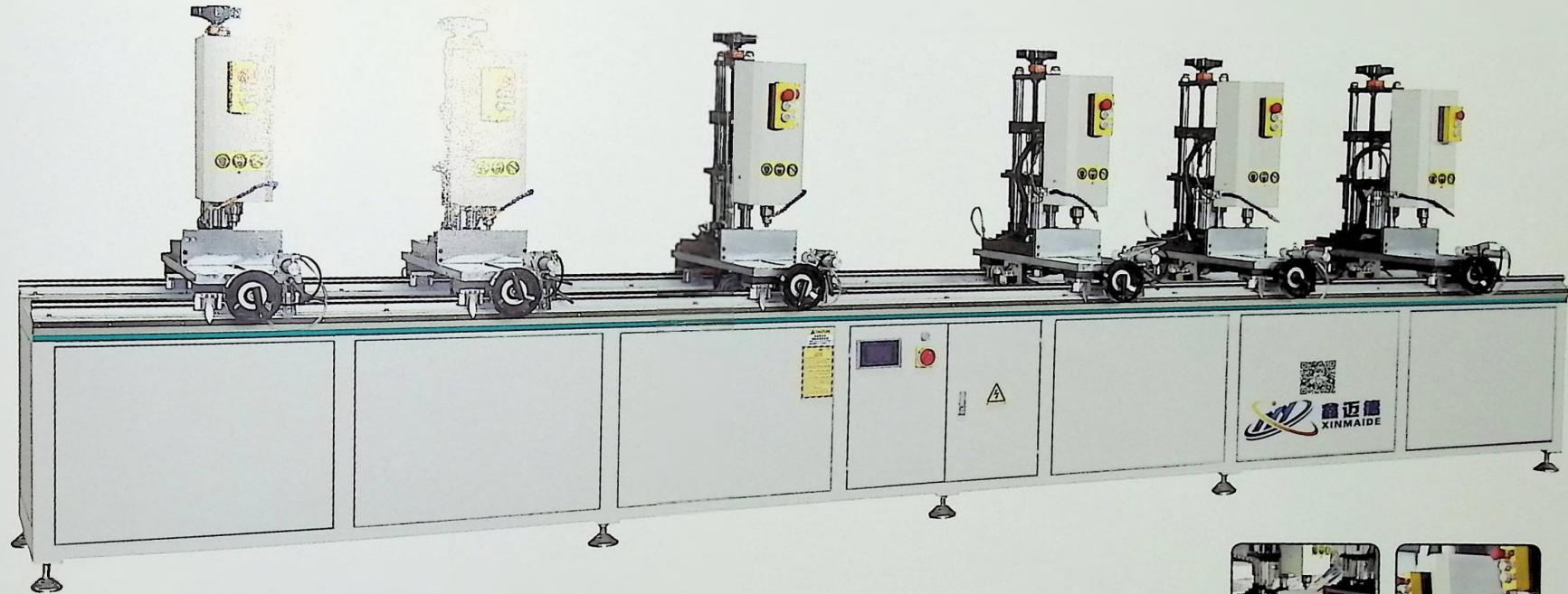
电功率 Electric power	油箱容积 Capability of oil box	组角行程 Angle stroke	适应型材宽度 Profile width	重量 Weight	外形尺寸 Contour Dimension
380V 50Hz 2.2Kw	20L	0-85mm	160mm	800kg	1150×1100×1300mm



## LZZ6/5/4-13

铝幕墙多头组合钻床

Multi Mitre Combination Drilling Machine



### 设备特点 Equipment Features

- ◎ 用于铝合金门窗、幕墙型材的钻孔，特用于长料及批量生产；
- ◎ 可安多头钻，可多组群孔同时加工；采用气液阻尼缸，进给平稳；
- ◎ 采用PLC系统，可实现任意机头的联动。
- ◎ used for drilling big size and multitudinous aluminum alloy and curtain wall profiles.
- ◎ Multi-head boring anchor can be fixed to meet multi- holes processing requirement.
- Feeding system adopts airdraulic-damping cylinder, which ensured smooth feeding.
- ◎ Using PLC system can achieve any head linkage.

### 技术参数 Technical Parameter

电功率 Electric power	进气压力 Feeding pressure	动力头数 Power Unit Quantity	最大钻孔直径 Max.Drilling	重量 Weight	外形尺寸 Contour Dimension
380V 50Hz 6×1.1kW	0.5~0.8MPa	4/6	13mm	1175kg	5500×1100×1800mm



## LKC01

### 铝型材开齿机 Knurling Machine

#### 设备特点 Equipment Features

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

#### 技术参数 Technical Parameter

电功率 Electric power	直径 Cutter diameter	调节范围 Regulate arrange
380V 50Hz 1.1Kw	Φ 80	0-250mm/0-250mm
加工型材尺寸 Profile size	重量 Weight	外形尺寸 Outside Dimension
200×250 mm	800kg	1200×1200×1650mm



## LFH01

铝型材复合机  
Rolling Machine

### 设备特点 Equipment Features

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

### 技术参数 Technical Parameter

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

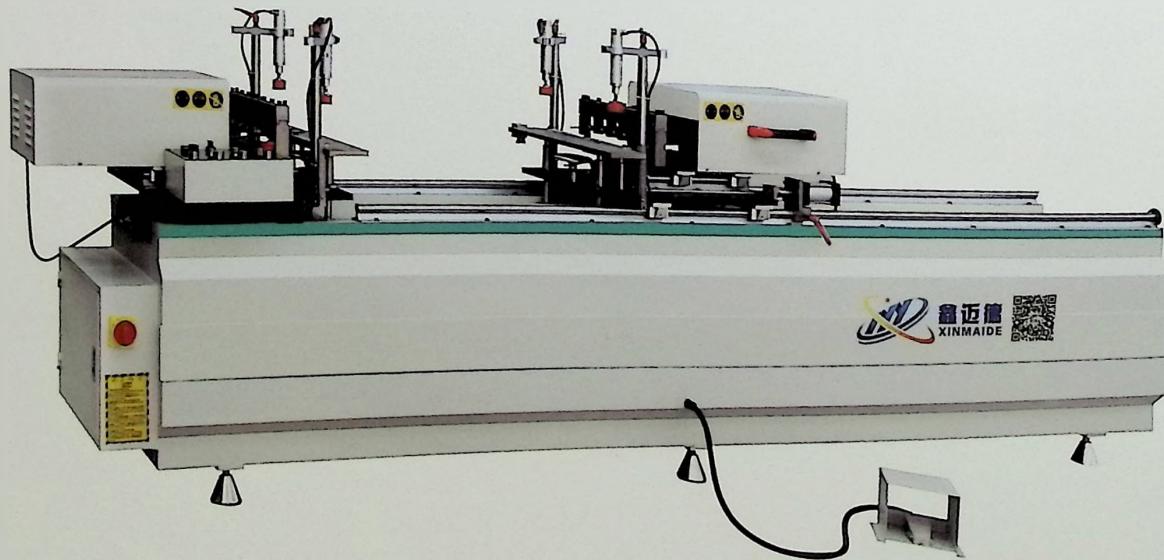
## LJLKZ-1800

### 铝门窗五轴铰链钻孔机

Aluminum Doors and Windows Five Axis Hinge Drilling Machine

#### 设备特点 Equipment Features

- ◎ 用于铝合金型材和塑钢门窗料上的两侧边多孔同时加工，为保证两侧加工精度及提高工作效率提供了可靠保障。
- ◎ 在一次装夹情况下同时加工十孔，关键旋转部位采用精密进口轴承，因而具有精度高，寿命长的特点。
- ◎ 可根据铰链规格进行调整定位。
- ◎ 操作简单，精确度高。
- ◎ For aluminum alloy profile and plastic steel door and window material on the two sides of porous processing, to ensure the processing precision on both sides and improve the work efficiency to provide a reliable guarantee.
- ◎ Ten holes are processed at the same time under the condition of clamping at one time. The key rotating parts adopt precision imported bearings, so it has the characteristics of high precision and long life.
- ◎ The positioning can be adjusted according to the hinge specifications.
- ◎ Simple operation, high accuracy.



#### 主要技术参数 Main Technical Parameter

电功率 Electric power 380V 50Hz 3.5Kw	工作气压 Air pressure 0.5-0.8MPa	耗气量 Gas consumption 30L/min
转速 Speed 1400r/min	重量 Weight 400Kg	外形尺寸 Outside Dimension 4200x1300x750mm

# JDJJ-CNC-01S

## 数控双工位窗扇自动打胶机

CNC Double-station Automatic Gluing Machine for Window Sash

### 设备特点 Equipment Features

- ◎本机是门窗制作过程中窗压线与玻璃粘合的设备。
- ◎采用单组份硅酮密封胶(25kg/桶，20升)。弹性好、强度大是代替传统门窗胶条的理想选择：中性黑色和白色双组份密封胶带作为门窗胶条使用。
- ◎可节省人工，提高效率。设备打胶均匀，美观无断胶，密实度高。
- ◎PLC控制系统，触摸屏人机界面，设备操作简单方便。
- ◎自动检测尺寸系统，自动补偿系统；自动检测玻璃面，自动寻找起点，自动感应边框、转角、完成打胶。
- ◎每个拐角出胶量可单独调整，拐角前后打胶效果一样，拐角后胶不溢出；拐角打胶效果，高于业内产品。
- ◎特制的供胶及压胶装置，避免了传统供胶不稳、压胶盘渗胶现象。
- ◎尺寸自动补偿系统，弥补：门窗对角线不等影响打胶效果。
- ◎This machine is the equipment to seal the gap between the press line and the glass in the process of making doors and Windows.
- ◎The use of one component silicone sealant (25 kg/barrel, 20 L), the rubber has good elasticity, high strength is the ideal choice to replace the traditional doors and Windows tape; Insulating glass black and white two-component sealant can not be used as doors and Windows adhesive strip. It can save labor and improve efficiency. Equipped with uniform glue, beautiful corner, no broken glue, high compactness.
- ◎PLC control system, touch screen man-machine interface, simple and convenient operation.
- ◎Automatic size detection system, automatic corner system; Automatic detection of glass surface, automatic search for the starting point, automatic sensing frame, corner, complete gluing.



### 技术参数 Technical Parameter

气压 Air Pressure	功率 Electric Power	最大加工尺寸(边框) Max. processing size	最小加工尺寸(边框) Min. processing size	窗扇厚度 Window sash thickness
0.6~0.8Mpa	2kw 220v 50Hz	3200 × 1850mm	300 × 300	<150mm
边框与玻璃高低差 Border and glass height difference		玻璃与边框间隙 Glass and border clearance	正常打胶速度 Normal glue speed	外形尺寸 Contour dimension
2mm≤≤50mm		≤4mm 且边框高度相同	7米/分钟	4300 × 2600 × 1800mm

## MDFJX-5000/MD50-2100

机械手、分拣线  
Manipulator, sorting line



### 设备特点 Equipment Features

- ◎ 工作范围:  $\pm 360^\circ$ ，具备多种抓取放料姿态
- ◎ 最大负载: 50KG, 臂展: 2100mm
- ◎ 最大速度: 366° /S
- ◎ 重复定位精度:  $\pm 0.08\text{mm}$
- ◎ 重量: 530kg
- ◎ 安装方式: 水泥地面, 化学螺栓固定
- ◎ 含电气附件集成

## 门窗生产流程图

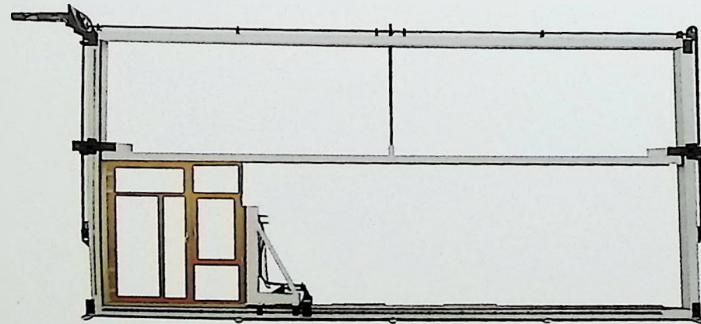
## Production flow chart of doors and windows



### MDCS-5000 × 3000CNC

门窗调试架

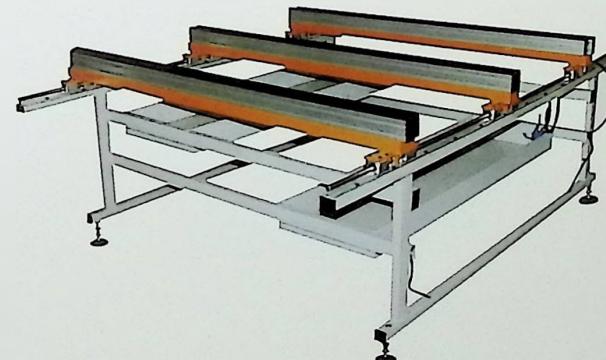
Finish Window Door Debugging Machine



### DZT-2000

组装工作台

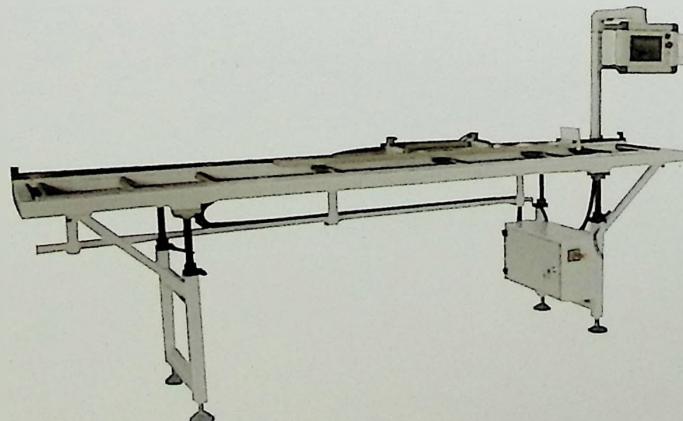
Assembling Work Table



### DCJ-CNC-3000

数控定尺架

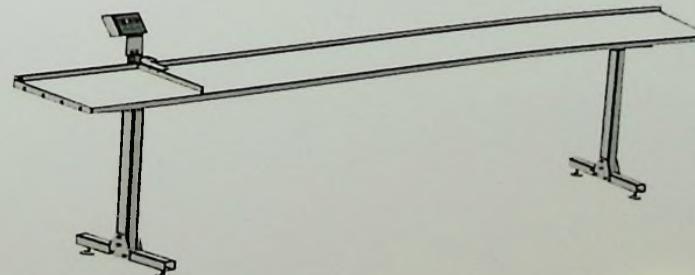
CNC Feeding Frame



### DCJ-3000

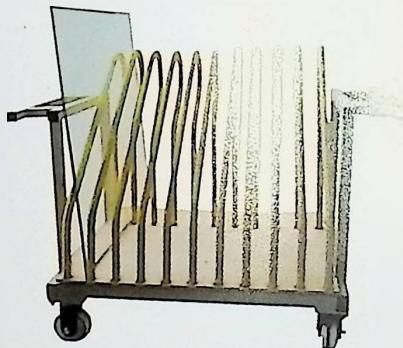
数显定尺架

Digital Display Feeding Frame



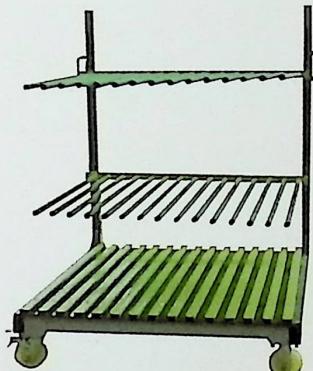
### MBLC-1200H

玻璃周转车（横）  
Transportation Cart for Glass



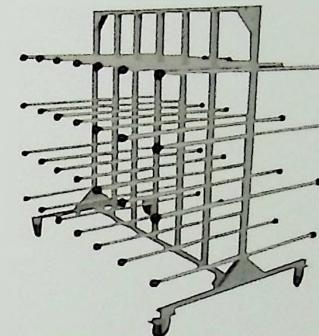
### MBLC-1200S

玻璃周转车(竖)  
Transportation Cart for Glass



### MXZC-1800

已切割型材周转车(横)  
Transportation Cart for Profile



### MXZC-1200

已切割型材周转车(竖)  
Transportation Cart for Profile



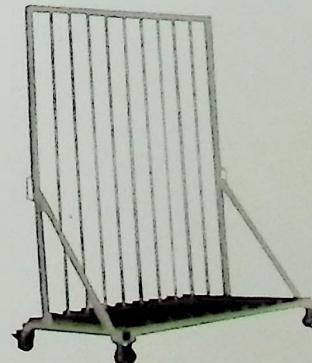
### MCSC-1200

窗扇周转车  
Transportation Cart for Win-door



### MCKC-1200

窗框周转车  
Transportation Cart for Win-door



服务锲而不舍  
品质力臻卓越





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- 免费为您提供相关行业信息
- 免费为您提供成套生产线的规划设计及厂房布置
- 免费为您厂房的电气路布置及安装进行指导

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