

Windows

领先 · 创新

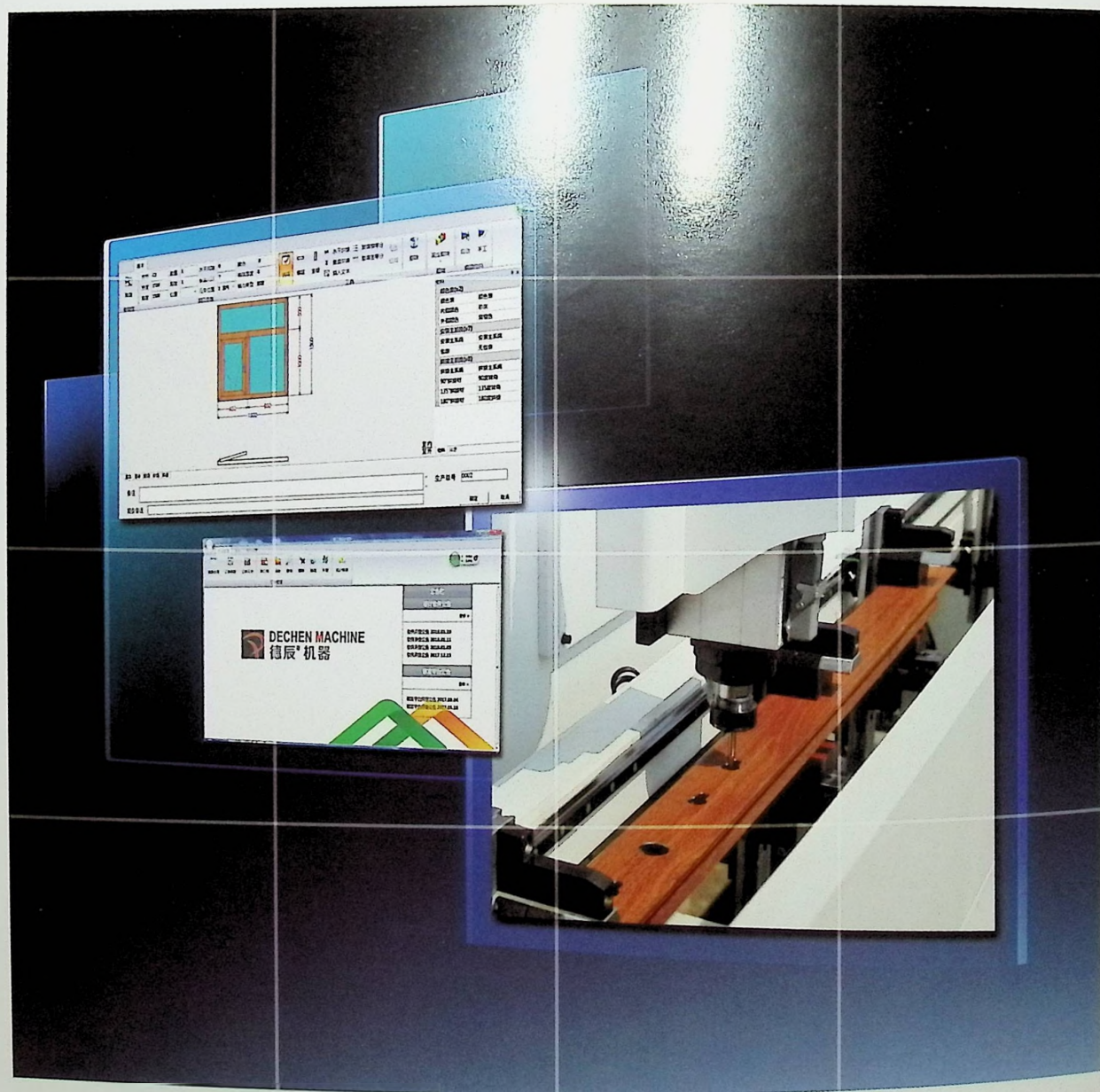
Doors 助力门窗制造行业实现自动化

SMART EQUIPMENT



DeChen Machine
德辰[®] 机器

(领先 · 创新)
Leading Innovating



The background image shows a bright, modern interior. In the foreground, a bed with a white textured blanket is partially visible. On the bed, there is a small tray with a cup and a magazine. Behind the bed, a large window with a dark frame looks out onto a landscape with trees. To the right, a white armchair sits on a balcony or terrace, with a glass railing and a view of a city or landscape. The overall atmosphere is clean, bright, and contemporary.

Windows 创新驱动·智造未来
Doors 打造门窗加工数字化、智能化工厂
SMART EQUIPMENT

(关于 · 德辰)
About Dechen





领先·创新 —— 助力门窗制造行业实现自动化

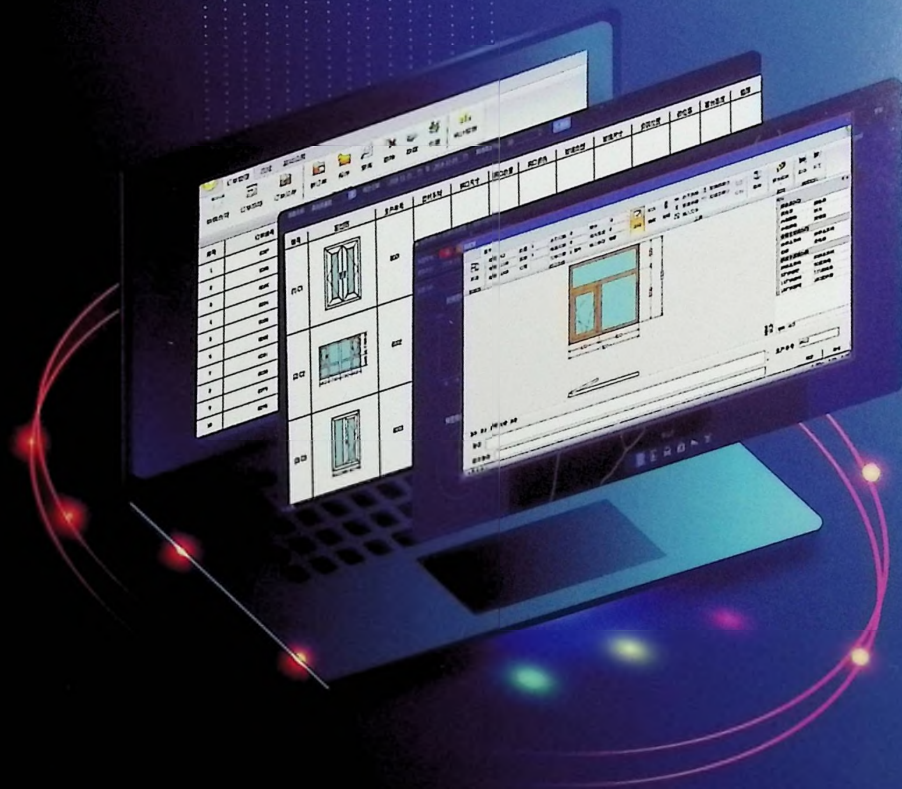
Leading and Innovating--Help Window Door manufacturing to achieve automation

济南德辰机器有限公司成立于2004年，占地15000多平方米，经过17年的发展壮大，现已成长为以门窗幕墙智能加工设备的设计制造、门窗幕墙管理软件开发及工业型材设备定制为主要业务的高新技术企业。济南德辰机器有限公司顺应市场发展的趋势，在2018年成立自动化项目部、软件部，组建高素质的研发团队，开始独立研发MES生产管理系统，提出了门窗生产制造的自动化集成方案，用户使用我们的门窗生产管理系统达到门窗技术设计与车间生产一线的完美结合。通过自动化、信息化、柔性化生产来代替人工生产，摆脱管理的制约，深度改善成本结构，用质量、效率来赢得在未来市场中的一席之地。

Jinan Dechen Machine CO., LTD. was established in 2004, covering an area of more than 15,000 square meters, after 17 years of development and growth, has grown into a high-tech enterprise with bellowing main business: door and window curtain wall intelligent processing equipment design and manufacturing, door and window curtain wall management software development and industrial profile equipment customization. Jinan Dechen machine CO., LTD. complied with the trend of the development of the market, set up Automation Project Department and Software Department, grouped a highly qualified R&D team, began to research and development of MES production management system independently, proposed the window door manufacturing automation integration solutions, customers take our Windows and doors production management system to achieve perfect combination of design window door technology and workshop production line. Through automation, information and flexible production to replace artificial production, get rid of the constraints of management, improve the cost structure. With quality and efficiency to win a place in the future market.

软件·硬件无缝联接，真正实现门窗加工自动化、智能化
Perfect combination of software and hardware, achieve window door processing

ation, intelligent



德辰·门窗生产管理软件

Dechen Windows and Doors Production Management Software

- 该软件是集门窗初始研发、设计下料、仓库管理及生产工序等一体化的落地实施应用工具。
- 优化下料功能。
- 加工工艺的设定，加工数据传输及设备驱动功能（根据不同的加工工艺要求，自动生成智能设备需要的驱动程序，不需要人为手工干预，同时可以对料车编码，料车格式进行设定与管理）。
- The software is a ground-based application tool integrating initial research and development of doors and windows, design and blanking, warehouse management and production processes.
- Optimized cutting function.
- Processing technology setting, processing data transmission and device driver function (according to different processing technology requirements, automatically generate the driver program of intelligent equipment, no need worker input, and can also set and manage material car and named coding).



智能化 | 门窗数字化工厂的**专业设备**
高效率
高精度 | 全面打造工业**4.0**智慧工厂

Building a Windows and Door Processing
Factory Based on

Industry 4.0

德辰门窗幕墙设备完整解决方案集成了精良设备与专业软件的无缝对接，实现了前端设计、数据处理、生产自动化信息管理系统，这些灵活性极高的先进装备，真正实现从传统生产向现代数字化生产的转变，让您能缩短生产时间、减少生产损耗、降低生产成本、提高生产效率，并且能随时对生产现场零距离掌控，让您的生产管理提前进入工业 4.0 时代。



Contents

目录

PAGE 01-38

铝门窗幕墙加工设备

Aluminium Window Door Machine

智能门窗加工联线设备	01-16
锯切设备类	17-24
组角设备类	25-28
铣削设备类	29-32
钻孔设备类	33-35
辅助设备类	36-38

PAGE 39-48

塑钢门窗加工设备

PVC Window Door Machine

焊清生产线	39-39
锯切加工中心	40-40
焊接设备类	41-43
锯切设备类	44-45
铣削设备类	45-46
清角设备类	47-47
辅助设备类	48-48

智能门窗加工联线设备
Intelligent window online equipment

P01/02

铝型材锯铣加工中心 Aluminum CNC Cutting and Machining Center

DLJXA-CNC-6000

该机为 12 轴的数控加工中心，适用于铝型材、轻合金的加工，可实现铣削、钻孔、切割的加工。

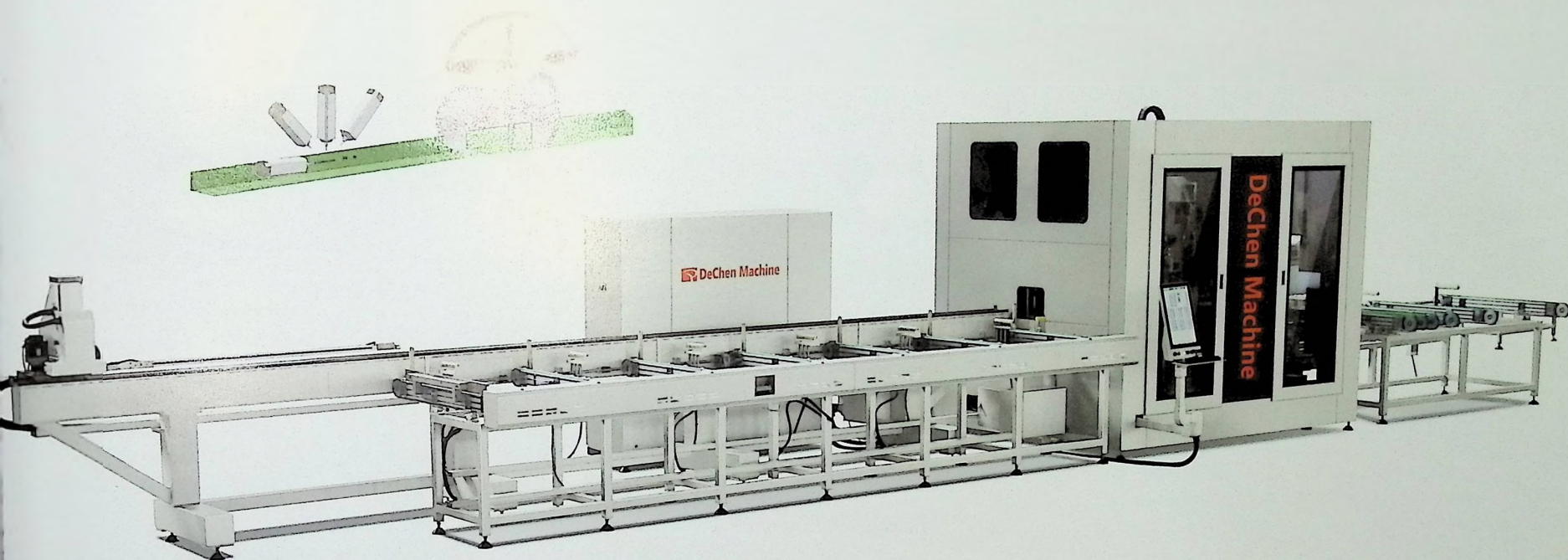
This machine is a 12-axis CNC machining center, which is suitable for machining aluminum profiles and light alloys, and can realize milling, drilling and cutting.

电源	Power supply	380V/50Hz
设备总功率	Total power of equipment	51kW
工作压力	Working pressure	0.6~0.8MPa
耗气量	Air supply	120L/min
主轴功率	Spindle power	6.0kW
主轴数量	Number of spindles	6
锯切长度	Sawing length	300~6000mm
锯切宽度	Sawing width	230mm
锯切高度	Sawing height	200mm
锯切角度	Sawing angle	0° -180°
锯片规格	Saw blade specifications	Φ600mm
切割精度	Cutting accuracy	±0.15mm
铣削精度	Milling accuracy	±0.05mm
外形尺寸(长×宽×高)	Overall dimension(L×W×H)	16600×3500×3000mm



- 01 智能控制系统
- 02 锯切单元
- 03 自动送料装置
- 01 CNC System
- 02 Sawing unit
- 03 Automatic feeding device

- 01 铣削单元
- 02 锯铣送料单元
- 03 高速出料单元
- 01 Machining unit
- 02 Sawing and milling feeding unit
- 03 High-speed discharging unit



- 操作简单易懂：与 ERP 软件联机，自动进行所有机加工序。
- 可实现原材料自动上料、自动切割、自动铣削、成品料自动输出、自动打标等功能，整机自动化程度高，极大提高了加工效率。
- 全封闭的锯铣单元，有效的防止铝屑的飞溅，锯铣单元内部有自动排屑系统，将锯铣下来的边角料传输到收集区域，自动排出锯铣单元外。
- 自动出料系统能够将切割完的成品料按次序自动摆放。
- 选配：自动打标。

- Easy operate, CNC system can connect with ERP software, which can process all step as software order.
- It can realize the auto feeding, auto cutting, auto machining, auto discharging, and auto labeling. Machine can meets automatic, which improve the efficiency.
- The fully enclosed cutting and machining unit, can prevent aluminum scrap fly. The cutting and machining unit itself with an automatic chip removal system, which transfer the dust to the collection area and automatically discharges them out of the machine.
- The automatic discharging system can automatically place the finished samples in sequence.
- Optional: automatic labeling.

铝型材加工智能自动化生产线 Intelligent Automatic Production Line for Aluminum Profile

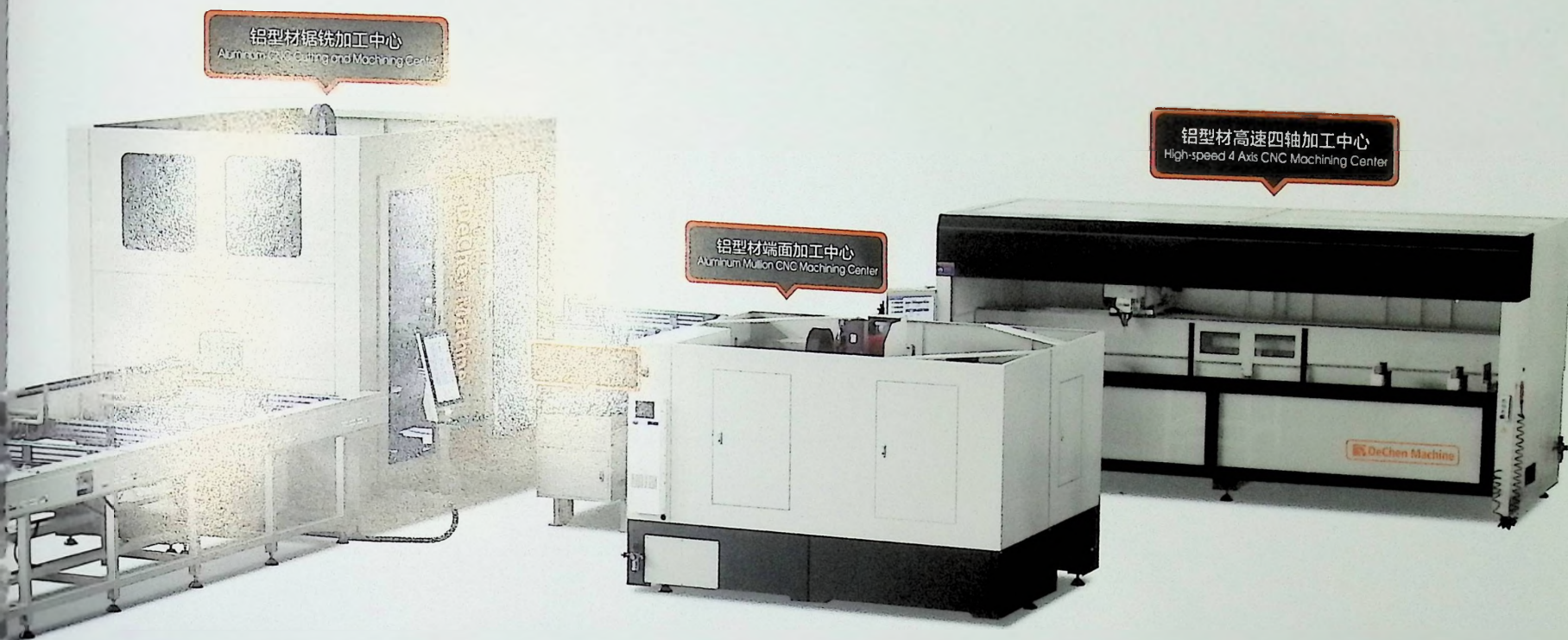
该生产线是一种针对高端家装门窗生产的精度高、效率高、集中度高、无人化程度高的门窗自动生产线。该智能生产线将型材上料、铣削、切割、端面、型材传送分拣等工序集中在流水线上完成，每两个工序间型材搬运可以采用机械手完成，也可以人工完成。该生产线可以根据客户场地情况做成直线式布局方式，也可以 U 型布局方式。

This production line is an automatic production line for high-end home improvement doors and windows with high precision, high efficiency, high concentration and high unmanned degree. The intelligent production line concentrates the processes of profile feeding, milling, cutting, end face, profile conveying and sorting on the production line, and the profile handling between every two processes can be done by manipulator or manually. The production line can be made into linear layout or U-shaped layout according to the customer's site conditions.

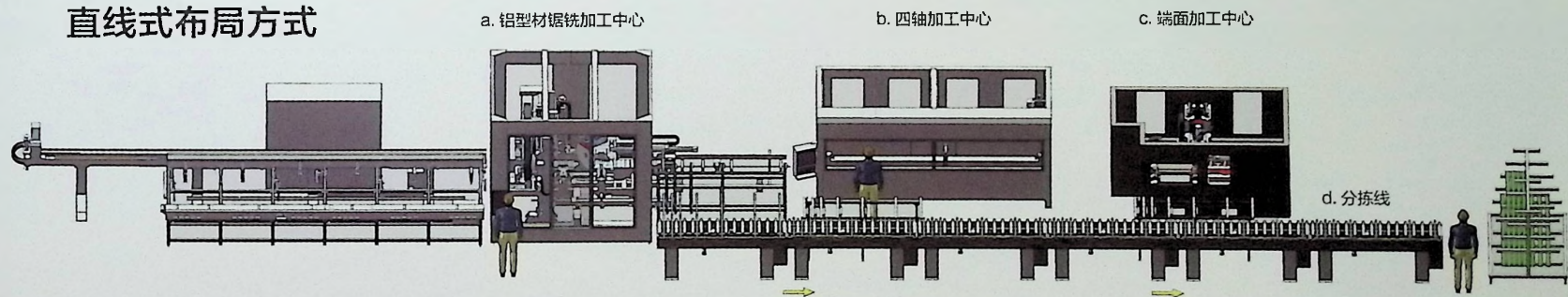
家装铝门窗智能自动化生产线由以下几部分组成：型材自动锯铣加工中心、型材四轴铣削加工中心、型材端面加工中心、型材辊筒输送线、型材辊筒移栽线、型材缓存段、成品型材智能料架。型材输送分拣及每个加工单元均具备独立配电柜，可以独立操作、设置和调试。各加工单元均以工控机为控制核心，运行我司专门研发的控制软件，收集处理各种信号，控制各 NC、CNC 伺服轴的运动驱动各执行机构，实现不同加工工艺的工件自动分配到不同的加工单元进行工件的输送、锯切、铣削、铣端面等加工。

The intelligent automatic production line for home improvement aluminum doors and windows is composed of the following parts: profile automatic sawing and milling center, profile four-axis milling center, profile end face processing center, profile roller conveying line, profile roller transfer line, profile cache section and finished profile intelligent material rack. Each processing unit of profile conveying and sorting is provided with an independent distribution cabinet, which can be operated, set up and debugged independently. Each processing unit takes the industrial computer as the control core, runs the control software specially developed by our company, collects and processes various signals, controls the movement of each NC and CNC servo shaft to drive each actuator, and realizes that the workpieces with different processing technologies are automatically assigned to different processing units for conveying, sawing, milling, end milling and other processing of workpieces.





直线式布局方式



智能门窗加工联线设备
Intelligent window online equipment

P05/06

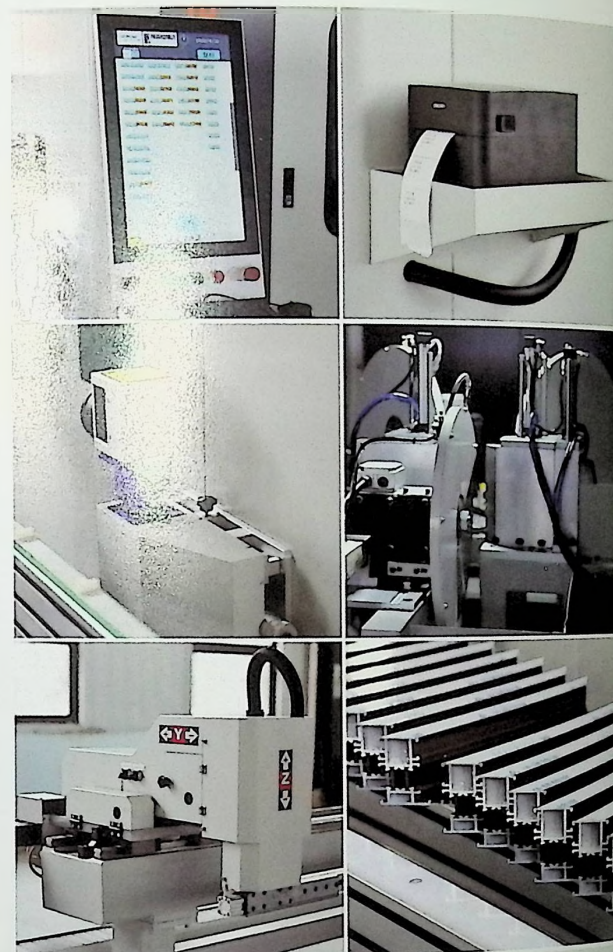
铝塑型材数控锯切中心 CNC Cutting Center for Aluminum and uPVC Profile

DLJZDB-CNC-6000

适用于门窗幕墙、太阳能、等工业铝塑线性型材的 45°、90° 的切割加工，可以实现自动循环上料、自动切割、成品自动输出等功能。

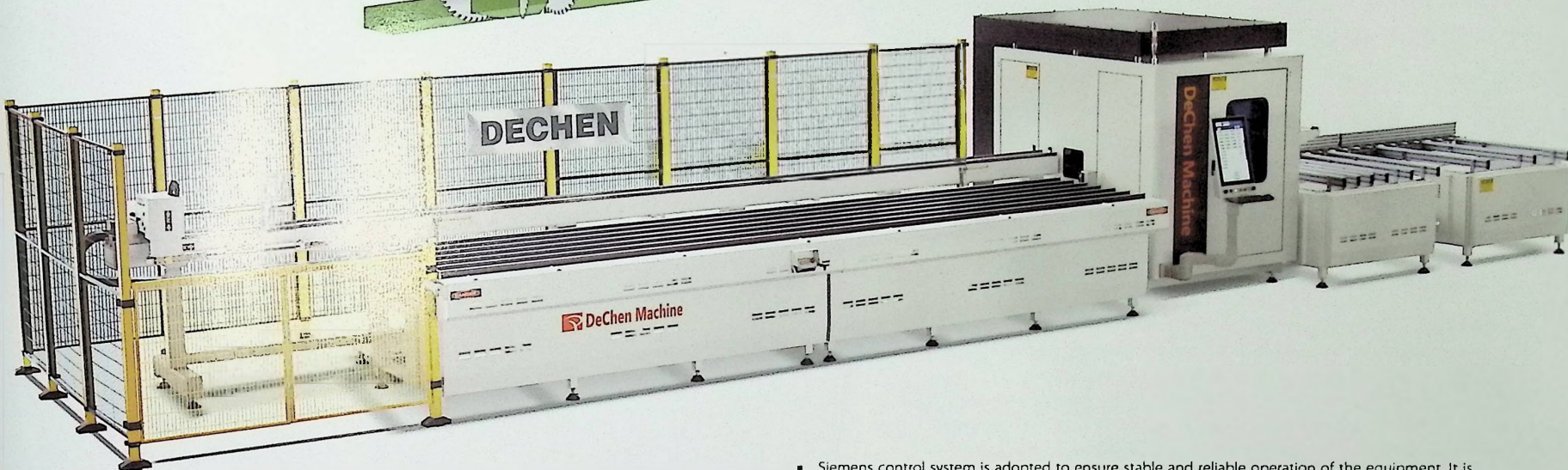
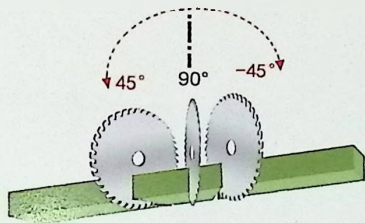
This machine is used for cutting 45° and 90° of aluminum PVC profile of window, door, curtain wall, solar and other industrial aluminum with functions of automatic cycle feeding, cutting and automatic output of finished products.

电源	Power supply	380V/50Hz
转速	Motor speed	2800r/min
设备总功率	Total power of equipment	11kW
工作压力	Working pressure	0.6~0.8MPa
耗气量	Air supply	50L/min
锯切长度	Cutting length	300~6000mm
锯切宽度 × 高度	Cutting width × height	140 × 140mm
锯切角度	Cutting angle	45°、-45°、90°
切割长度精度	Cutting length accuracy	±0.1mm
切割型面平面度	Flatness of cutting profile	≤0.10mm
切割角度误差	Cutting angle error	±5'
切割型面粗糙度	Roughness of cutting profile	Ra12.5 μm
进刀速度	Feeding speed	无级调速 0~3m/min
锯片规格	Saw blade specification	Φ500 × 4.4 × Φ30 Z=120
送料机械手行程	Feeding manipulator stroke	约 7650mm
上料区储存型材数量	Number of profiles stored in the loading area	6 根
送料机械手速度	Feeding manipulator speed	0~120m/min
切割效率	Cutting efficiency	约 15 秒 / 支
外形尺寸 (长 × 宽 × 高)	Overall dimension(L × W × H)	13000 × 4500 × 2300mm



- 01 智能控制系统
 - 02 激光打标装置 (选配)
 - 03 自动送料装置
- 01 CNC System
02 laser marking device (Optional)
03 Automatic feeding device

- 01 标签打印机
 - 02 锯切单元
 - 03 切割型材
- 01 Label printer
02 Sawing unit
03 Cutting profile



- 采用西门子控制系统保证设备运行稳定可靠，配有液晶屏幕，具有完美的视窗操作界面，直观明了，操作简单易学易懂。
- 全自动上料机构可自动连续的进行上料，送料台可备多根材料，上料台安装滚轮方便一个人上料。
- 送料机械手采用全闭环设计，由西门子伺服控制配进口磁栅尺反馈尺寸精度，长度误差小，该机采用高精度齿轮齿条传动，保证抓料快速精确。
- 机械手定位采用旋转定位机构（专利），更换型材时可快速准确定位，省去每次调整的时间，提高生产效率。
- 独特的锯切方式，减少型材端面毛刺产生。该锯切方式设计为我公司发明专利设计。
- 该设备系统具有列表优化切割功能，可根据优化下料清单的顺序，使材料得到最大利用率，理论上可做到零尾料。
- 整机低压电器采用世界名牌西门子和施耐德，确保了设备的稳定性及使用寿命整个切割流程高效、简单、快捷；无需人工干预，节省人工。
- 可选配激光打标机，配合工厂生产管理软件，实时在线打印材料标识，实现工艺信息标识化，便于材料的分拣管理、为后续加工工艺提供唯一性标识，为工厂加工的自动化、智能化奠定基础。

- Siemens control system is adopted to ensure stable and reliable operation of the equipment. It is equipped with a liquid crystal screen and has a perfect window operation interface. It is intuitive and clear, easy to learn and understand.
- The full-automatic feeding mechanism can automatically and continuously feed, the feeding table can be equipped with multiple materials, and the feeding table is equipped with rollers to facilitate one person to feed.
- The feeding manipulator adopts a full closed-loop design. Siemens servo control is matched with the imported magnetic grid ruler to feed back the dimensional accuracy with small length error. The machine adopts high-precision gear and rack transmission to ensure fast and accurate material grabbing.
- Manipulator positioning adopts rotary positioning mechanism (patent), which can quickly and accurately position when replacing profiles, save time for each adjustment, and improve production efficiency.
- Unique sawing method reduces burrs on profile end face. This sawing method is designed for the invention patent of our company.
- The CNC system has the function of optimized cutting list, it can optimized profile according to the order, so that the material can save profile and reduce waste.
- The low-voltage electrical apparatus of the whole machine adopts world famous brands Siemens and Schneider, ensuring the stability and service life of the equipment. The whole cutting process is efficient, simple and fast. No manual intervention is needed and labor is saved.
- Laser marking machine can be selected and matched with factory production management software to print material identification on line in real time, thus realizing identification of process information, facilitating sorting management of materials, providing unique identification for subsequent processing technology, and laying a foundation for automation and intelligence of factory processing.

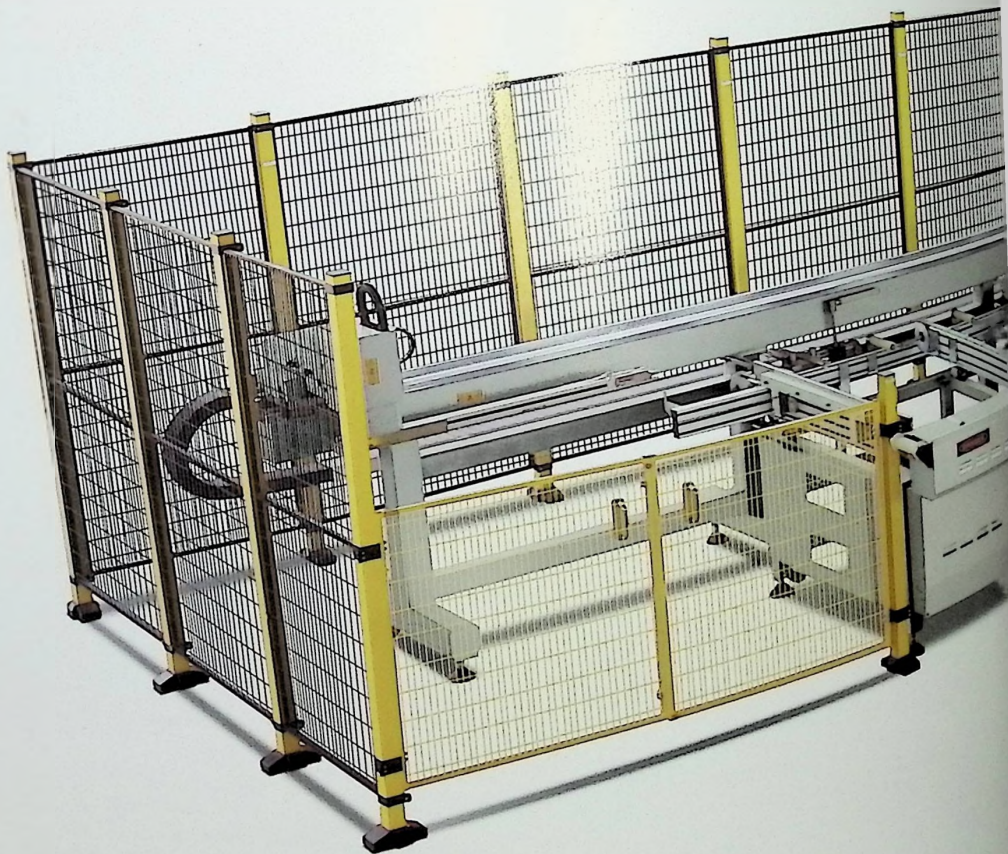
铝型材加工流水线（锯切线 + 分拣线） Processing Line for Aluminum Profile

DLFJA-CNC-3000

适用于铝门窗制作中型材的加工，铝门窗型材切割后，型材所需的孔、端面等加工的生产作业均在流水线上完成输送分拣，有效节省了人工搬运的工作，并可根据各个工序的实际用时，进行节拍优化，极大的提高生产效率。

Used for the processing of profiles in the production of aluminum doors and windows. After the profiles of aluminum doors and windows are cut, the production operations of processing holes and end faces required by profiles are transported and sorted on the assembly line, which effectively saves the work of manual handling, and can optimize the tempo according to the actual time of each process, thus greatly improving the production efficiency.

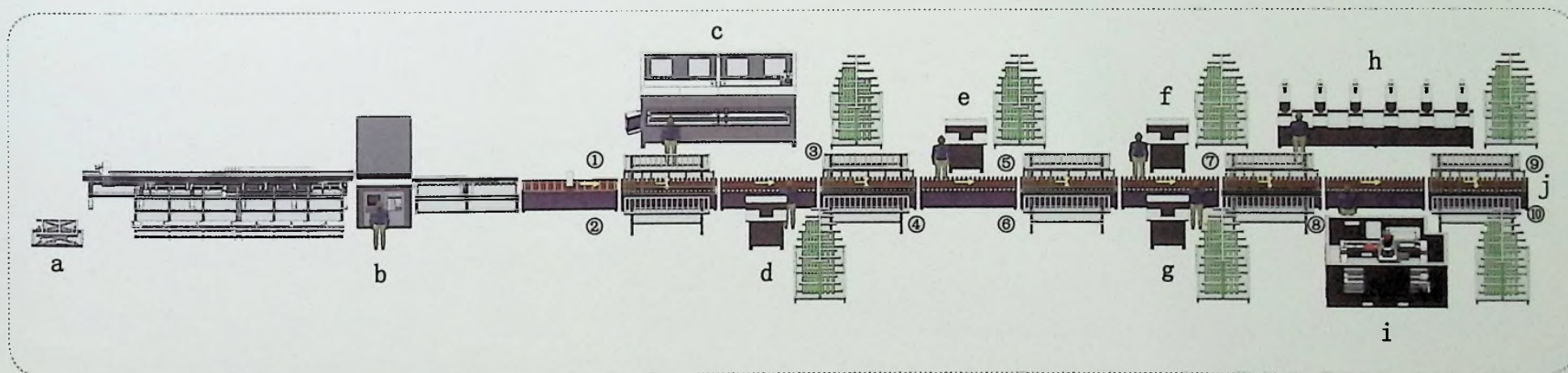
- 铝型材切割下料后根据加工工艺自动分拣到所需工位。
 - 流水线传输由变频器控制，可根据工艺或熟练程度进行合理的调速。
 - 各加工区具有缓存功能，有效的缓解各工序快慢不一问题。
 - 移栽区采用伺服控制，同步带输送，运行更平稳。
 - 设备主体采用工业型材组装，减轻设备重量，外型简洁、美观。
-
- After cutting and blanking, the aluminum profiles are automatically sorted to the required working positions according to the processing technology.
 - The transmission line is controlled by a frequency converter, and the speed can be adjusted reasonably according to the process or proficiency.
 - Each processing area has cache function, which effectively alleviates the problem of different speeds of each process.
 - The transplanting area adopts servo control and synchronous belt transportation, which makes the operation more stable.
 - The main body of the equipment is assembled with industrial profiles, which reduces the weight of the equipment and has a simple and beautiful appearance.





铝型材加工流水线

- | | | | |
|-------------|------------|---------------------|----------------|
| a. 辅助上料机 | f. 双头压力机 | 1. 门窗锁孔铣削工位 | 6. 扇料工艺孔, 切角工序 |
| b. 自动锯切加工中心 | g. 双头压力机 | 2. 框料水槽工位 | 7. 扇料工艺孔工序 |
| c. 四轴加工中心 | h. 多头组合钻床 | 3. 框料工艺孔工位 | 8. 框料水槽工序 |
| d. 双头压力机 | i. 端面加工中心 | 4. 扇料执手孔, 工艺孔, 切角工序 | 9. 框料端面加工工序 |
| e. 双头压力机 | j. 型材智能分拣线 | 5. 扇料水槽, 工艺孔, 切角工序 | 10. 框料安装孔加工工位 |



智能门窗加工联线设备
Intelligent window online equipment

P09/10

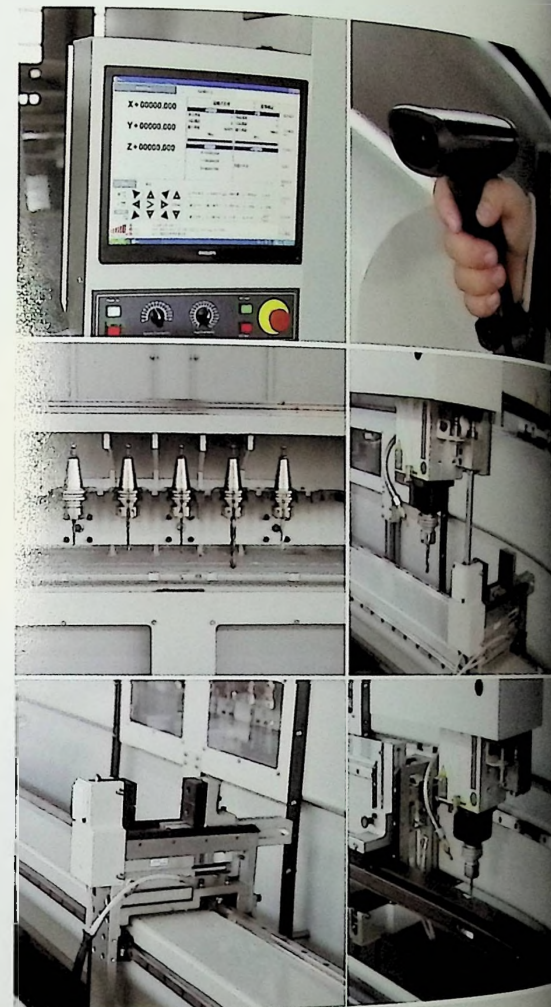
铝型材高速四轴加工中心 High-speed 4 Axis CNC Machining Center

DLGZ-CNC-3500

适用于各种门窗、幕墙铝型材、铝工业型材、卫浴洁具型材等材料的铣削、钻孔、切割、攻丝（选配）等工序加工。

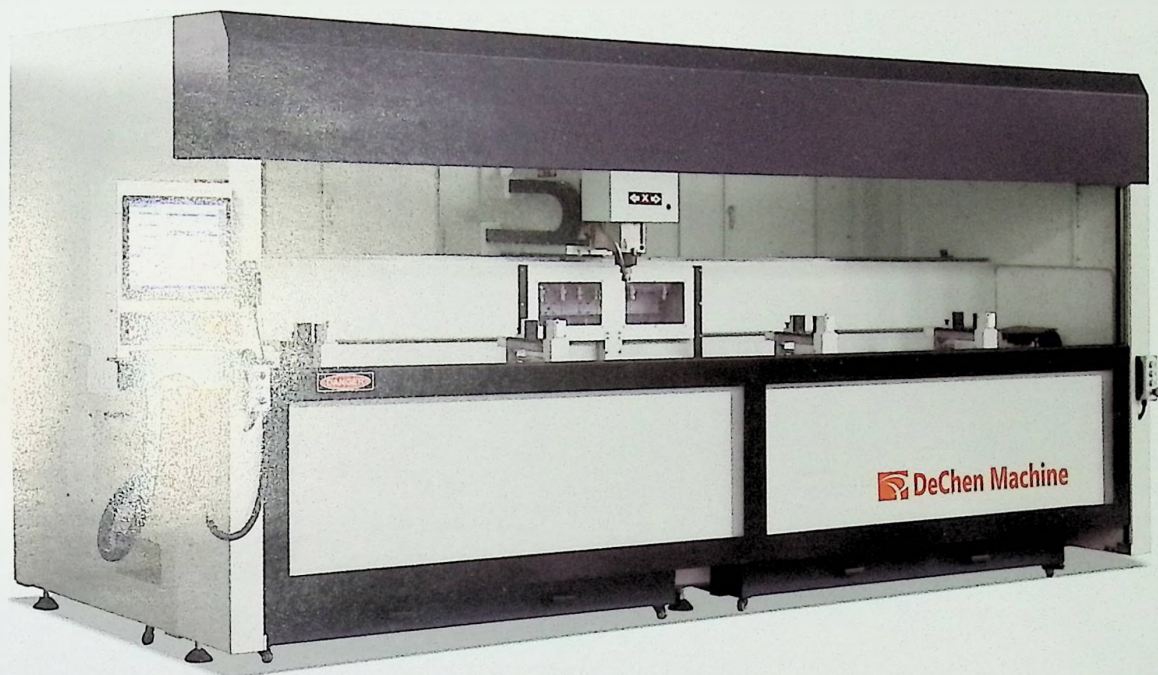
It is suitable for milling, drilling, cutting and tapping (matching) of various materials such as doors and windows, curtain wall aluminum profiles, aluminum industrial profiles, sanitary ware profiles, etc.

电源	Power supply	380V/50Hz
设备总功率	Total power of equipment	8.65kW
工作气压	Air pressure	0.6~0.8MPa
工作台A轴旋转角度	Rotation angle of worktable A-axis	+90° ~0° ~-90°
行程范围 (X/Y/Z 轴)	Travel range (X/Y/Z axis)	3900 / 500 / 370mm
进给速度 (X/Y/Z/A 轴)	Feed speed (X/Y/Z/A axis)	60 / 30 / 30m/min/18r/min
伺服电机 (X/Y/Z/A 轴)	Servo motor (X/Y/Z/A axis)	0.75 / 0.75 / 0.4 / 0.75kW
定位精度 / 重复定位	Positioning accuracy / Repeated positioning	± 0.15mm / ± 0.05mm
钻铣垂直度	Drilling and milling verticality	0.1/100mm
圆柱度	Cylindricity	0.1/100mm
切削面表面粗糙度	Surface roughness of cutting surface	≤Ra6.3 (与刀具有关)
电主轴功率	Electric spindle power	6.0kW
刀柄型号	Tool shank type	ISO30
主轴转速	Spindle speed	18000rpm
刀具最大直径	Maximum diameter of cutter	Φ16mm
夹具数量	Number of holder	4
工作台高度	Table height	1000mm
加工范围 (宽 × 高)	Processing range (W × H)	200 × 170mm
外形尺寸 (长 × 宽 × 高)	Overall dimensions (L × W × H)	5100 × 2100 × 2250mm
重量	Weight	4000kg



- 01 智能控制系统
- 02 多位刀具库
- 03 专业夹具
- 01 CNC System
- 02 Multi-tools magazine
- 03 Professional clamp

- 01 扫码装置
- 02 自动摆夹功能
- 03 工作台旋转加工
- 01 Code scanning device
- 02 Automatic pendulum clamp
- 03 Rotary machining of worktable



- 自动摆夹功能，无需人工调整夹具，精准高效。
- 工作台可自动实现 $+90^{\circ}$ $--90^{\circ}$ 的任意角旋转，一次装夹可实现多面加工。
- 采用先进工业数控系统配备专业三维图形编辑（CAM）软件，设备操作简便，性能可靠；三维图形编辑界面，非常简单、直观。
- 主轴采用进口自动换刀风冷高速电主轴，带有 8 工位刀具库，实现快速自动换刀加工。
- 双工作台设计可同时进行两件或两种型材加工，交互式上料，互不干涉。
- 夹具机构经过重新优化设计，可以自动压紧和刹车，调整更方便；可以实现夹具的位置自动检测，自动排列。
- 采用高精度直线导轨副、滚珠丝杠、齿轮齿条及进口伺服电机，保证运动平稳，具有较高的定位及加工精度。
- 该机全封闭设计，配有集屑装置，设备使用更安全，更环保。
- 该机带扫码功能，可以通过工厂管理软件与其他工序设备通讯对接，实现车间生产智能加工。

- Automatic swing clamp function, no need to manually adjust the clamp, accurate and efficient.
- The workbench can automatically rotate at any angle from $+90^{\circ}$ to -90° , and multi-sided processing can be realized by one clamping.
- Advanced industrial numerical control system is equipped with professional 3D graphics editing (CAM) software. The equipment is easy to operate and reliable in performance. The three-dimensional graphic editing interface is very simple and intuitive.
- The spindle adopts Italy HSD automatic tool change high-speed spindle, with 8-station tool library, realizing fast automatic tool change processing.
- The double worktable design can process two or two kinds of profiles at the same time, with interactive feeding and non-interference.
- The clamping mechanism can be automatically clamp and brake after re-optimization design, more convenient to adjust; The position of clamping can be automatically detected and arranged.
- High precision linear guide rail pair, ball screw, gear rack and imported servo motor are adopted to ensure smooth movement and high positioning and processing precision.
- Fully enclosed design, equipped with dust collecting device, which makes the equipment safer and more environment-friendly.
- This machine has the function of scanning codes, and can communicate with other process equipment through factory management software, thus realizing intelligent processing in workshop production.

智能门窗加工联线设备
Intelligent window online equipment

P11/12

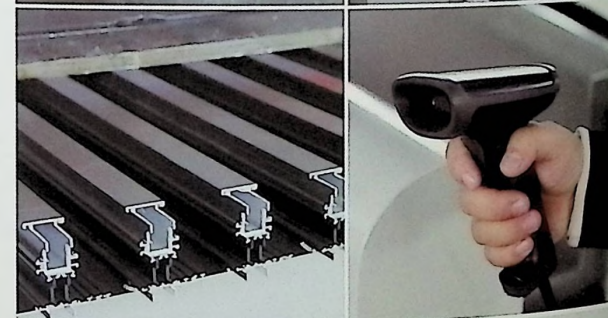
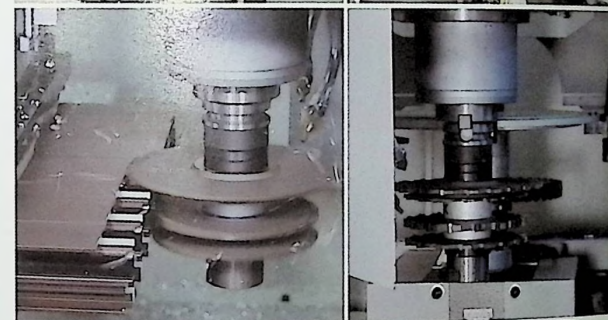
铝型材端面加工中心 Aluminum Mullion CNC Machining Center

DLXD-CNC-255

适用于铝型材端面和台阶面的铣削加工，铣削主轴采用伺服电机带动，具有自动换刀功能，设有多位组合刀具刀库，无须人工调整刀具，节约生产准备时间，生产效率高。

It is suitable for milling aluminum profile end face and step face. The milling spindle is driven by servo motor and has the function of automatic tool change. It is equipped with multi-position combined tool magazine. It does not need to manually adjust the tool, thus saving production preparation time and high production efficiency.

电源	Power supply	380V/50Hz
设备总功率	Total power of equipment	12kW
主轴电机转速	Spindle motor speed	0~6000rpm (伺服可调)
工作压力	Air pressure	0.6~0.8MPa
主轴直径	Spindle diameter	Φ32mm
最大可装刀直径	Max. tool diameter	Φ250mm
X 轴行程	X-axis stroke	1900mm
Y 轴行程	Y-axis stroke	350mm
Z 轴行程	Z-axis stroke	400mm
工作台尺寸	Table size	560 × 310mm
开槽最大尺寸	Max. milling depth	120mm 高、90mm 深
外形尺寸 (长 × 宽 × 高)	Overall dimensions (L × W × H)	4450 × 2050 × 2000mm
重量	Weight	1500kg



- 01 智能控制系统
- 02 高效加工
- 03 加工效果

- 01 CNC System
- 02 Efficient processing
- 03 Finished sample

- 01 旋转刀具库
- 02 换刀主轴
- 03 扫码装置

- 01 Rotating tool library
- 02 Tool changing spindle
- 03 Code scanning device



- 小批量单件加工无须单独定制刀具，根据型材截面编制加工程序即可，节省生产准备周期。
- 加强中挺可以分两次加工，型材无变形，精度高。
- 特殊设计工作台可以实现排料铣削加工 6-10 根，加工效率大大提高。
- 该机采用西门子操作系统，配有完美视窗操作界面，直观明了，操作简单易学；主轴转速、进刀速度、吃刀深度等方便可调，提高工件加工精度。
- 该机全封闭设计，配有排屑机，设备使用更安全，更环保。
- 该机带扫码功能，可以通过工厂管理软件与其他工序设备通讯对接，实现车间生产智能加工。

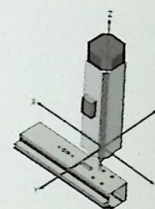
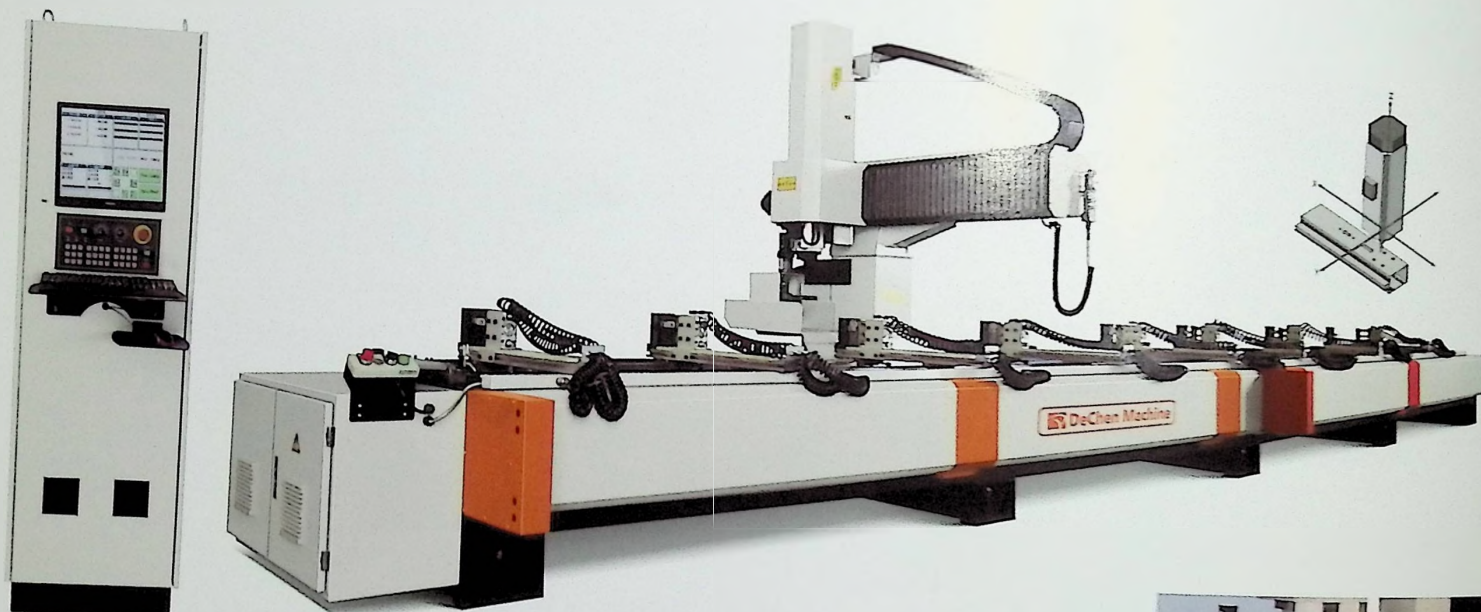
- Small batch single piece processing does not need to customize the cutter separately, and the processing program can be compiled according to the section of the profile, thus saving the production preparation period.
- Muntin can be processed in 2 times, no deformation, high precision.
- The specially designed worktable can realize 6-10 pieces milling, thus greatly improving the processing efficiency.
- The machine adopts Siemens operating system and is equipped with perfect window operation interface, which is intuitive and clear, easy to operate and learn. Spindle speed, feed speed and feed depth can be adjusted conveniently to improve workpiece machining accuracy.
- This machine is totally enclosed and equipped with automatic chip conveyor, which makes the equipment safer and more environmentally friendly to use.
- This machine has the function of scanning codes, and can communicate with other process equipment through factory management software, thus realizing intelligent processing in workshop production.

智能门窗加工联机设备
Intelligent window online equipment

P13/14

新型高速三轴加工中心 High-speed 3-axis CNC Machining Center

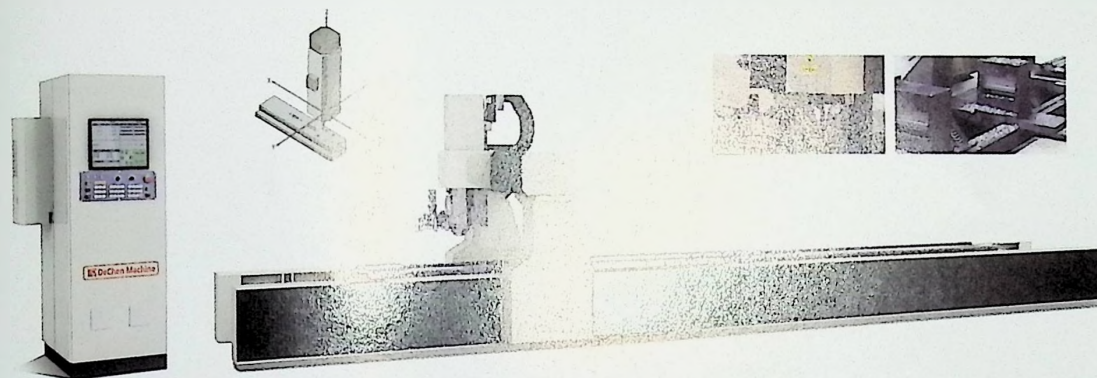
DGCGZ-CNC-7000



X 轴行程	X axis stroke	7000mm
Y 轴行程	Y axis stroke	540mm
Z 轴行程	Z axis stroke	200mm
X 轴运行速度	X axis speed	0-60m/min
Y 轴运行速度	Y axis speed	0-48m/min
Z 轴运行速度	Z axis speed	0-20m/min
主轴转速/功率	Main shaft rev/power	0-24000rpm/7.5kW
工作压力	Air pressure	0.6-0.8MPa
电源	Power Supply	380V/50Hz
装机总功率	Total power	12kW
外形尺寸(长×宽×高)	Overall dimensions (W×H×D)	11300×2350×2550mm
重量	Weight	About 4000kg

- 适用各种铝门窗及幕墙型材的安裝孔、流水槽、铁孔、螺孔、铣坑及攻丝等加工工序。
- 采用高强度焊接结构，经时效退火处理，确保整机刚性和高稳定性。
- 采用进口高精度直线导轨、滚珠丝杠、齿轮齿条及进口伺服电机，保证运动平稳，具有较佳的定位及加工精度。
- 采用高品质进口自动换刀高速电主轴，确保加工稳定性，转动稳定噪音小，切削能力强。
- 双工作台可同时进行两件或两种型材加工，交互式上料，互不干涉。
- It is suitable for various processing procedures such as installation holes, running troughs, lock holes, special shaped holes, and milling and tapping of aluminum doors, windows and curtain wall profiles.
- Adopt high-strength welded structure, and ensure high rigidity and stability of the whole machine after thermal aging annealing treatment.
- Imported high-precision linear guide rails, ball screws, gear racks and imported servo motors are adopted to ensure smooth movement and high positioning and machining accuracy.
- Adopt high-quality imported high-speed motorized spindle with automatic tool change to ensure machining stability, stable rotation, low noise and strong cutting ability.
- Double worktable can process two or two profiles at the same time, with interactive feeding and non-interference.

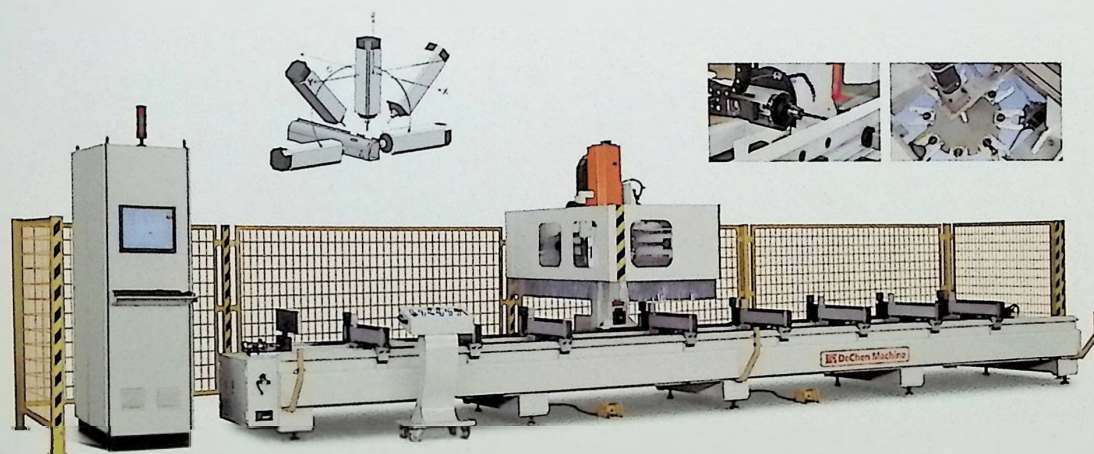
三轴数控龙门加工中心 3-axis CNC Gantry Machining Center



DLM-CNC-6508

X 轴行程	X-axis stroke	6500mm
Y 轴行程	Y-axis stroke	800mm
Z 轴行程	Z-axis stroke	500mm
X 轴运行速度	X-axis speed	0~50m/min
Y 轴运行速度	Y-axis speed	0~30m/min
Z 轴运行速度	Z-axis speed	0~20m/min
主轴转速 / 功率	Main shaft rev/power	0~18000rpm/15kW
工作压力	Air pressure	0.6~0.8MPa
电源	Power supply	380V/50Hz
装机总功率	Total power	22kW
外形尺寸	Overall dimensions	9700 × 2000 × 2000mm
重量	Weight	About 6000kg

新型高速四轴数控加工中心 High-speed 4-axis CNC Machining Center



DGZA-CNC-7000

X 轴行程	X-axis stroke	7000mm
Y 轴行程	Y-axis stroke	三轴加工 500/ 四轴加工 380mm
Z 轴行程	Z-axis stroke	300mm
X 轴运行速度	X-axis speed	0~60m/min
Y 轴运行速度	Y-axis speed	0~50m/min
Z 轴运行速度	Z-axis speed	0~20m/min
主轴转速 / 功率	Main shaft rev/power	0~24000rpm/7.5kW
工作压力	Air pressure	0.6~0.8MPa
电源	Power supply	380V/50Hz
装机总功率	Total power	12.5kW
外形尺寸	Overall dimensions	11300 × 2350 × 2550mm
重量	Weight	About 4500kg

智能门窗加工联线设备
Intelligent window online equipment

P15/16

铝型材数控钻铣床 CNC Drilling Milling Machine



DSK-CNC-3200

X轴行程	X-axis stroke	3150mm
Y轴行程	Y-axis stroke	330mm
Z轴行程	Z-axis stroke	280mm
X轴运行速度	X-axis speed	0-60m/min
Y轴运行速度	Y-axis speed	0-48m/min
Z轴运行速度	Z-axis speed	0-20m/min
主轴转速 / 功率	Main shaft rev/power	0-18000rpm/55kW
工作压力	Air pressure	0.6-0.8MPa
电源	Power supply	380V/50Hz
装机总功率	Total power	65kW
外形尺寸	Overall dimensions	5100 × 1420 × 1750mm
重量	Weight	About 1600kg

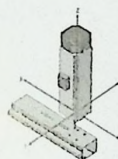
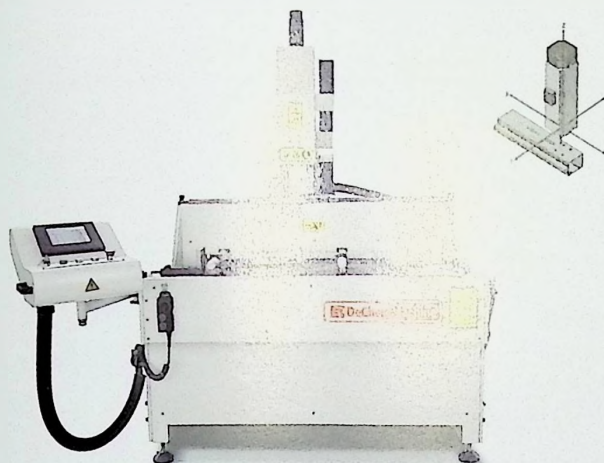
铝型材小型三轴加工中心 3-axis CNC Machining center (Small)



DSK-CNC-1500

X轴行程	X-axis stroke	1500mm
Y轴行程	Y-axis stroke	350mm
Z轴行程	Z-axis stroke	300mm
X轴运行速度	X-axis speed	0-60m/min
Y轴运行速度	Y-axis speed	0-48m/min
Z轴运行速度	Z-axis speed	0-20m/min
主轴转速 / 功率	Main shaft rev/power	0-24000rpm/4.5kW
工作压力	Air pressure	0.6-0.8MPa
电源	Power supply	380V/50Hz
装机总功率	Total power	6.75kW
外形尺寸	Overall dimensions	3700 × 1500 × 1950mm
重量	Weight	About 1000kg

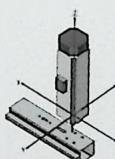
铝型材高速数控钻铣床 CNC Drilling & Milling Machine



DSK-CNC-1200

X 轴行程	X-axis stroke	1200mm
Y 轴行程	Y-axis stroke	350mm
Z 轴行程	Z-axis stroke	280mm
X 轴运行速度	X-axis speed	0~60m/min
Y 轴运行速度	Y-axis speed	0~48m/min
Z 轴运行速度	Z-axis speed	0~20m/min
主轴转速 / 功率	Main shaft rev/power	0~18000rpm/4.5kW
工作压力	Air pressure	0.6~0.8MPa
电源	Power supply	380V/50Hz
装机总功率	Total power	6.75kW
外形尺寸	Overall dimensions	2200 × 1500 × 1950mm
重量	Weight	About 610kg

铝型材高速数控钻铣床 CNC Drilling & Milling Machine



DSK-CNC-450

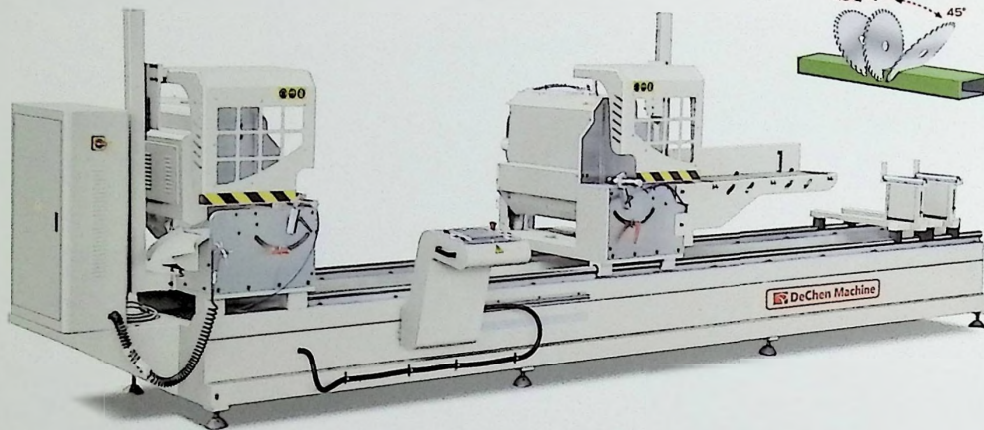
X 轴行程	X-axis stroke	450mm
Y 轴行程	Y-axis stroke	350mm
Z 轴行程	Z-axis stroke	280mm
X 轴运行速度	X-axis speed	0~60m/min
Y 轴运行速度	Y-axis speed	0~48m/min
Z 轴运行速度	Z-axis speed	0~20m/min
主轴转速 / 功率	Main shaft rev/power	0~18000rpm/3.0kW
工作压力	Air pressure	0.6~0.8MPa
电源	Power supply	380V/50Hz
装机总功率	Total power	5.5kW
外形尺寸	Overall dimensions	1500 × 1500 × 1950mm
重量	Weight	About 380kg

锯切类加工设备
Sawing processing equipment

P17/18

铝型材数控双头精密切割锯 (内外摆) CNC Precision Double Cutting Saw for Aluminum Profile

可定制：数显机型和普通机型



DLJZ2NW-CNC-600×4900

电源	Power supply	380V/50Hz
电机功率	Motor power	7.0kW
电机转速	Motor speed	3400r/min
工作气压	Working pressure	0.5~0.8MPa
耗气量	Air consumption	60L/min
锯片规格	Blade specification	Φ600×Φ30×4.4mm Z=140
锯切长度	Cutting length	400~4900mm
锯切宽度	Cutting width	185mm 90°
锯切高度	Cutting height	400mm 90°
锯切角度	Cutting angle	±45° 90°
外形尺寸	Overall dimension	6300×1700×2000mm
重量	Weight	About 2000kg

铝型材重型数控双头切割锯 CNC Double-head Precision Cutting Saw for Aluminum Profile

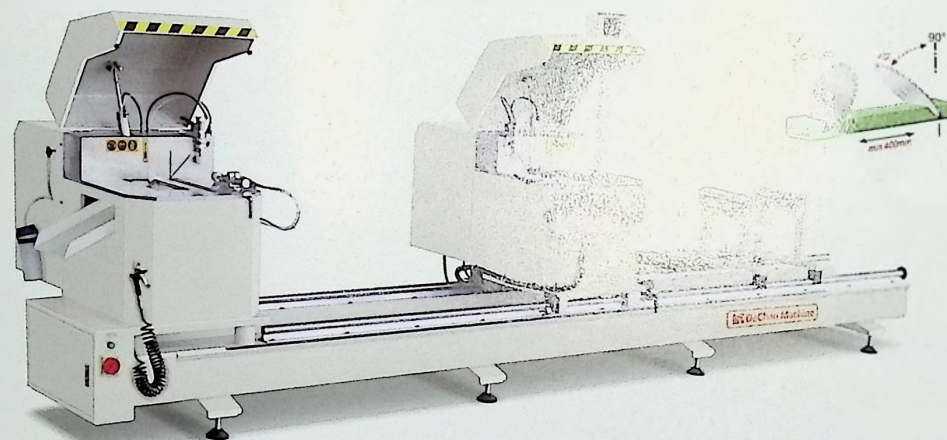


DLJZ2TS-CNC-500×4300

电源	Power supply	380V/50Hz
电机功率	Motor power	5.9kW
电机转速	Motor speed	2800r/min
工作气压	Working pressure	0.5~0.8MPa
耗气量	Air consumption	60L/min
锯片规格	Blade specification	Φ500×Φ30×4.4mm Z=120
锯切长度	Cutting length	400~4300mm
锯切高度	Cutting height	100mm ±45°
		120mm 90°
锯切角度	Cutting angle	45° 90°
外形尺寸	Overall dimension	5750×1300×1500mm
重量	Weight	About 1500kg

铝型材重型数显双头切割锯

Digital Display Double-head Precision Cutting Saw



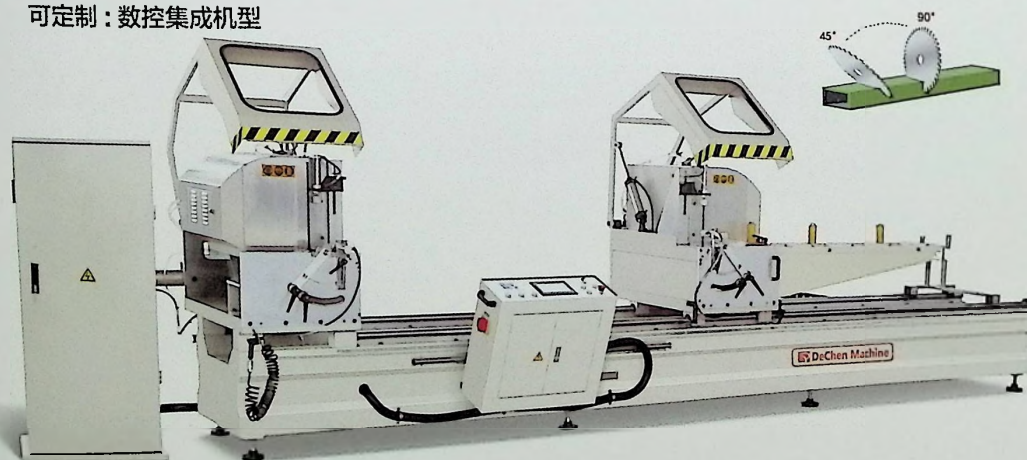
DLJZ2TX-500×4300

电源	Power supply	380V/50Hz
电机功率	Motor power	2 × 2.2kW
电机转速	Motor speed	2800r/min
工作气压	Working pressure	0.5~0.8MPa
耗气量	Air consumption	60L/min
锯片规格	Blade specification	Φ500 × Φ30 × 4.4mm Z=120
锯切长度	Cutting length	400~4300mm
锯切高度	Cutting height	100mm 45° 120mm 90°
锯切角度	Cutting angle	45°, 90°
外形尺寸	Overall dimension	5750 × 1300 × 1500mm
重量	Weight	About 1350kg

铝型材数控双头精密切割锯

CNC Double-head Precision Cutting saw

可定制：数控集成机型



DLJZ2S-500×4200

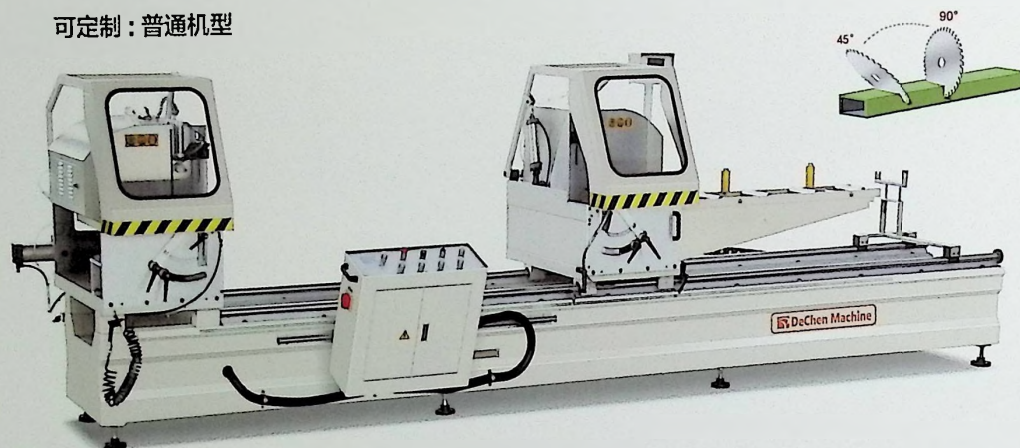
电源	Power supply	380V/50Hz
电机功率	Motor power	5.9kW
电机转速	Motor speed	2800r/min
工作气压	Working pressure	0.5~0.8MPa
耗气量	Air consumption	60L/min
锯片规格	Blade specification	Φ500 × Φ30 × 4.4mm Z=120
锯切长度	Cutting length	450~4200mm
锯切宽度	Cutting width	135mm 90°
锯切高度	Cutting height	300mm 90° / 200mm 45°
锯切角度	Cutting angle	45°, 90°
外形尺寸	Overall dimension	6260 × 1750 × 1990mm
重量	Weight	About 1600kg

锯切类加工设备
Sawing processing equipment

P19/20

铝型材数显双头精密切割锯 Digital Display Double-head Precision Cutting Saw

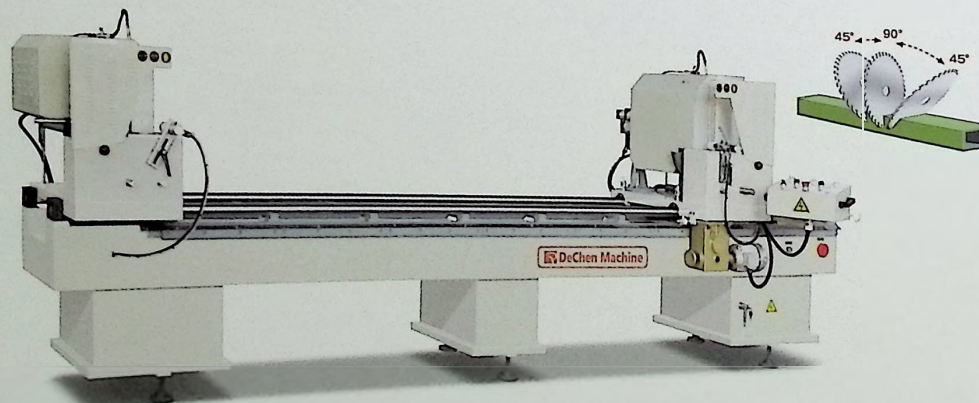
可定制：普通机型



DLJZ2X-500×4200

电源	Power supply	380V/50Hz
电机功率	Motor power	2 × 2.2kW
电机转速	Motor speed	2800r/min
工作气压	Working pressure	0.5-0.8MPa
耗气量	Air consumption	60L/min
锯片规格	Blade specification	Φ500 × Φ30 × 4.4mm Z=120
锯切长度	Cutting length	450-4200mm
锯切宽度	Cutting width	135mm 90°
锯切高度	Cutting height	300mm 90° / 200mm 45°
锯切角度	Cutting angle	45° , 90°
外形尺寸	Overall dimension	5200 × 1750 × 1960mm
重量	Weight	About 1500kg

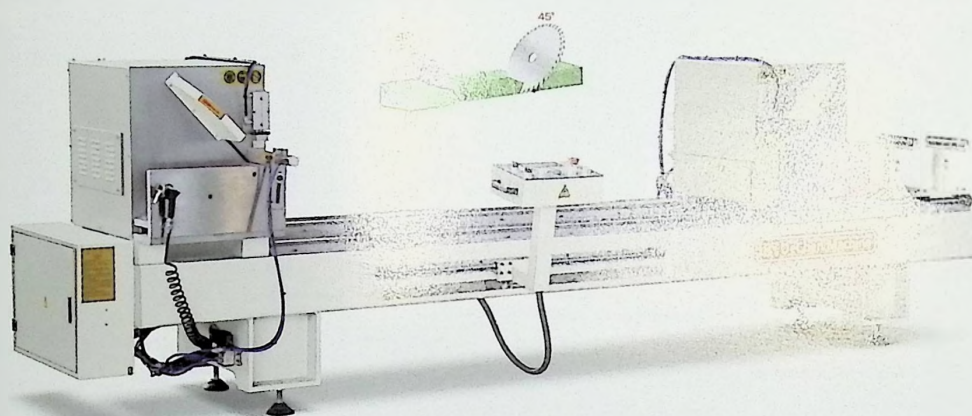
铝塑型材双头切割锯 Double-head Cutting Saw for PVC and Aluminum Profile



DLJZ2-450×3700

电源	Power supply	380V/50Hz
电机功率	Motor power	3.55kW
电机转速	Motor speed	2800r/min
工作气压	Working pressure	0.5-0.8MPa
耗气量	Air consumption	40L/min
锯片规格	Blade specification	Φ450 × Φ30 × 4.4mm Z=120
锯切长度	Cutting length	400/580-3700mm
锯切宽度	Cutting width	120mm
锯切高度	Cutting height	200mm
锯切角度	Cutting angle	45° , 90° , 135°
外形尺寸	Overall dimension	4500 × 1170 × 1400mm
重量	Weight	About 750kg

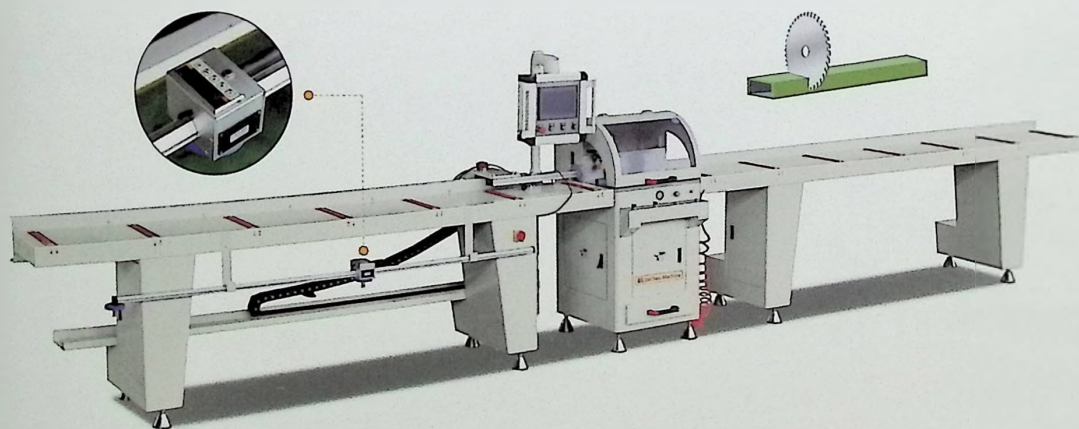
铝型材高效双头精密切割锯 Efficient Precision Double-head Cutting Saw



DLJZ2C-100×3000

电源	Power supply	380V/50Hz
电机功率	Motor power	3.0kW
电机转速	Motor speed	2800r/min
工作气压	Working pressure	0.5~0.8MPa
耗气量	Air consumption	50L/min
锯片规格	Blade specification	Φ450×Φ30×4.4mm Z=120
锯切长度	Cutting length	120~3000mm
锯切宽度	Cutting width	125mm
锯切高度	Cutting height	70mm
锯切角度	Cutting angle	45°
外形尺寸	Overall dimension	3450×1000×1300mm
重量	Weight	About 700kg

铝门窗数控玻璃压条切割锯 CNC Glass Layering Cutting Saw for Aluminum Win-Doors



DLJZD-CNC-400

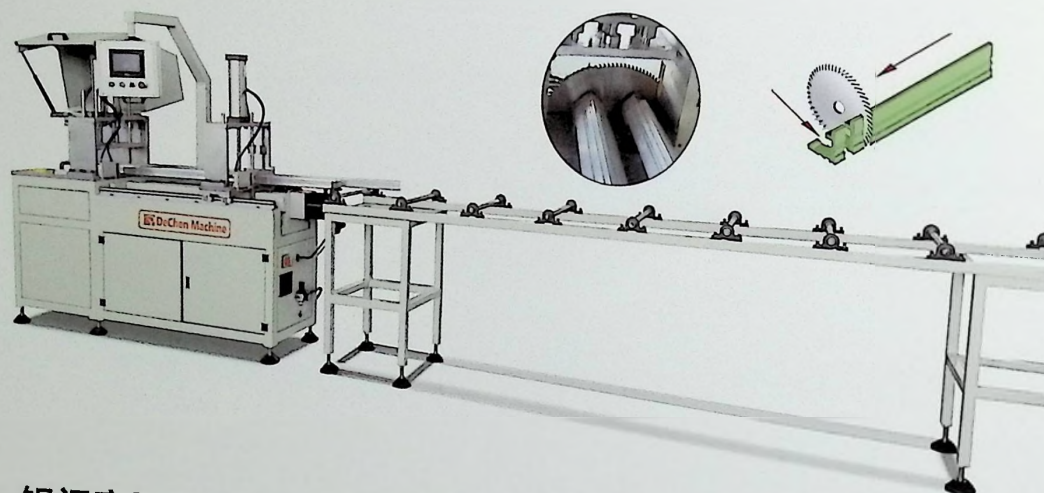
电源	Power supply	380V/50Hz
输入功率	Input Power	1.5kW
电机转速	Motor speed	2800r/min
工作气压	Operating pressure	0.6~0.8MPa
耗气量	Air consumption	15L/min
切割长度	Cutting length	200~2500mm
切割宽度 × 高度	Cutting width × height	70 × 80mm
锯切角度	Sawing angle	90°
锯片规格	Saw blade specification	Φ400 × 3.2 × Φ30mm
切割精度	Cutting accuracy	± 0.1mm
切割角度误差	Cutting angle error	± 5'
外形尺寸	Overall dimension	8500X1200X1100mm

锯切类加工设备
Sawing processing equipment

P21/22

铝门窗数控排料角码切割锯

CNC Corner Connector Cutting Saw for Aluminum Profile

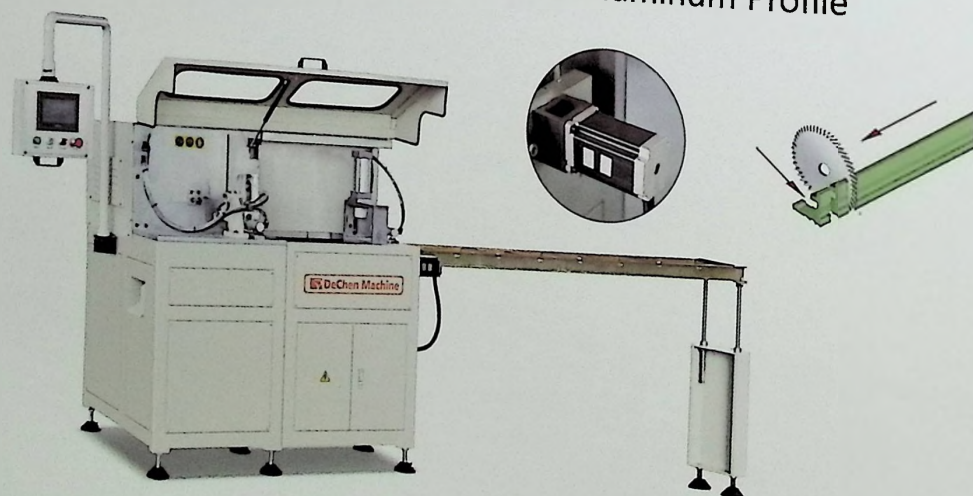


DLJJB-CNC-500

电源	Power supply	380V/50Hz
电机功率	Motor power	5.5kW
电机转速	Motor speed	2840r/min
工作气压	Working pressure	0.5-0.8MPa
耗气量	Air consumption	200L/min
锯片规格	Blade specification	Φ500×Φ30×4.4mm Z=120
自动送料长度	Length of auto-feeding	5-850mm
锯切宽度	Cutting width	380mm
锯切高度	Cutting height	140mm
锯切角度	Cutting angle	90°
外形尺寸	Overall dimension	5370×1570×1680mm
重量	Weight	About 780kg

铝门窗重型数控角码自动切割锯

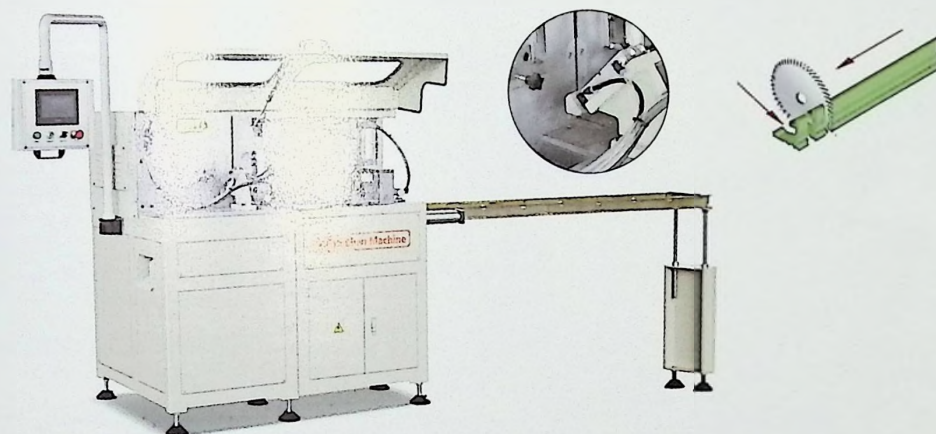
CNC Corner Connector Cutting Saw for Aluminum Profile



DLJJB-CNC-500

电源	Power supply	380V/50Hz
电机功率	Motor power	3.75kW
电机转速	Motor speed	2840r/min
工作气压	Working pressure	0.5-0.8MPa
耗气量	Air consumption	200L/min
锯片规格	Blade specification	Φ500×Φ30×4.4mm Z=120
自动送料长度	Length of auto-feeding	3-420mm
锯切宽度	Cutting width	140mm
锯切高度	Cutting height	140mm
锯切角度	Cutting angle	90°
外形尺寸	Overall dimension	5470×1470×1840mm
重量	Weight	About 500kg

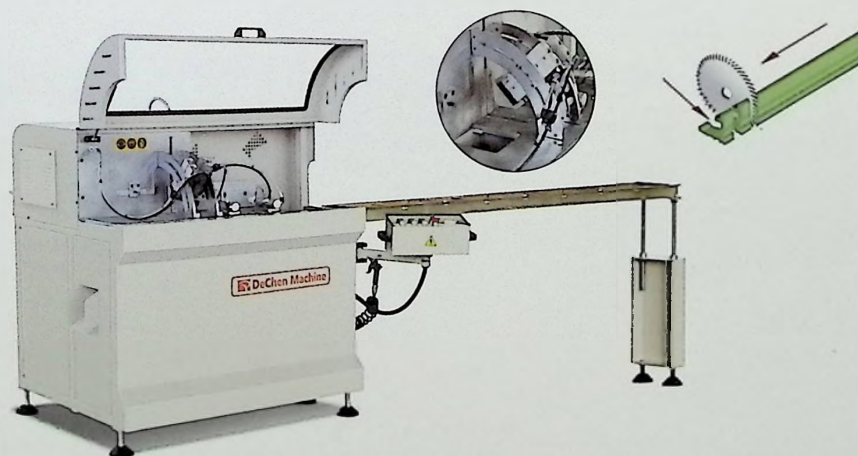
铝门窗全自动角码切割锯 Auto Corner Connector Cutting Saw



DLJZ-500

电源	Power supply	380V/50Hz
电机功率	Motor power	3.0kW
电机转速	Motor speed	2840r/min
工作气压	Working pressure	0.5~0.8MPa
耗气量	Air consumption	200L/min
锯片规格	Blade specification	$\Phi 500 \times \Phi 30 \times 4.4\text{mm}$ Z=120
自动送料长度	Length of auto-feeding	3~400mm
锯切宽度	Cutting width	140mm
锯切高度	Cutting height	140mm
锯切角度	Cutting angle	90°
外形尺寸	Overall dimension	5570 × 1570 × 1680mm
重量	Weight	About 500kg

铝门窗全自动角码切割锯 Auto Corner Connector Cutting Saw



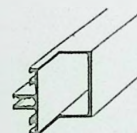
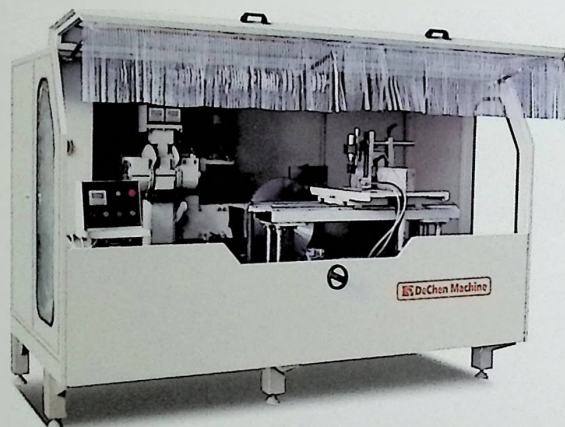
DLJZA-450

电源	Power supply	380V/50Hz
电机功率	Motor power	2.2kW
电机转速	Motor speed	2840r/min
工作气压	Working pressure	0.5~0.8MPa
耗气量	Air consumption	150L/min
锯片规格	Blade specification	$\Phi 450 \times \Phi 30 \times 4.4\text{mm}$ Z=120
自动送料长度	Length of auto-feeding	3~220mm
锯切宽度	Cutting width	120mm
锯切高度	Cutting height	120mm
锯切角度	Cutting angle	90°
外形尺寸	Overall dimension	5370 × 1370 × 1580mm
重量	Weight	About 400kg

锯切类加工设备
Sawing processing equipment

P23/24

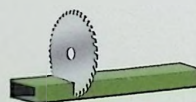
铝幕墙接口切割锯 V Notching Saw for Aluminum Curtain Wall



DLJK-500

电源	Power supply	380V/50Hz
电机功率	Motor power	4.4kW
电机转速	Motor speed	2800r/min
工作气压	Working pressure	0.5~0.8MPa
耗气量	Air consumption	60L/min
锯片规格	Blade specification	Φ500×Φ30×4.4mm Z=123
两锯片摆动范围	Saw blade swinging range	±45°
锯切深度	Cutting depth	最大 150mm
进刀速度	Cutter feeding speed	无级调速 0~3m/min
锯切角度	Cutting angle	±45°
外形尺寸	Overall dimension	3140×1380×1800mm
重量	Weight	About 1500kg

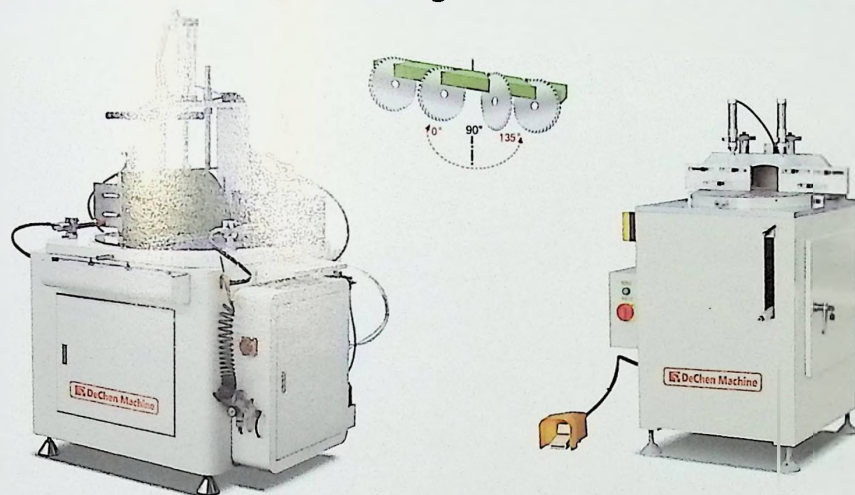
铝型材单头切割锯 Single-head Cutting Saw for Aluminum Profile



DLJC-500A

电源	Power supply	380V/50Hz
电机功率	Motor power	2.2kW
电机转速	Motor speed	2800r/min
工作气压	Working pressure	0.5~0.8MPa
耗气量	Air consumption	80L/min
锯片规格	Blade specification	Φ500×Φ30×4.4mm Z=120
锯切宽度	Cutting width	600mm
锯切角度	Cutting angle	90°
外形尺寸	Overall dimension	1200×1900×1700mm
重量	Weight	About 400kg

铝型材单头任意角切割锯 single-head Arbitrary Angle Cutting Saw



DLJZ-600/DLJZII-350

		DLJZ-600	DLJZII-350
电源	Power supply	380V/50Hz	380V/50Hz
电机功率	Motor power	3.0kW	1.5kW
工作压力	Air pressure	0.5~0.8MPa	0.5~0.8MPa
耗气量	Air consumption	30L/min	30L/min
电机转速	Motor rotary speed	2800r/min	2840r/min
锯片规格	Saw blade specification	Φ600 × Φ30mm	Φ350 × Φ30mm
切割角度	Cutting angle	20° ~ 90°	20° ~ 90°
锯切宽度	Cutting width	300mm	200mm
锯切高度	Cutting height	180mm	90mm
进刀速度	Cutter feeding speed	0~3m/min	0~3m/min
外形尺寸	Overall dimension	2000 × 1500 × 1600mm	1700 × 1200 × 1600mm
重量	Weight	About 500kg	About 300kg

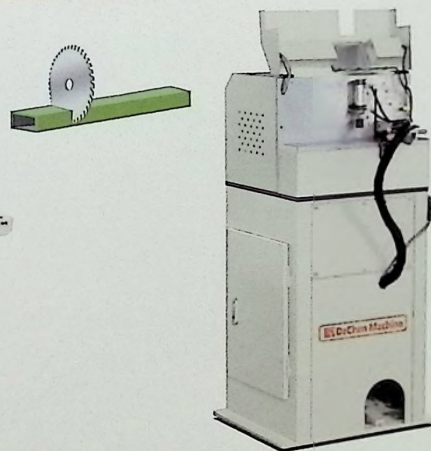
铝型材单头微切锯 Single-head Cutting Saw

DLJA-500



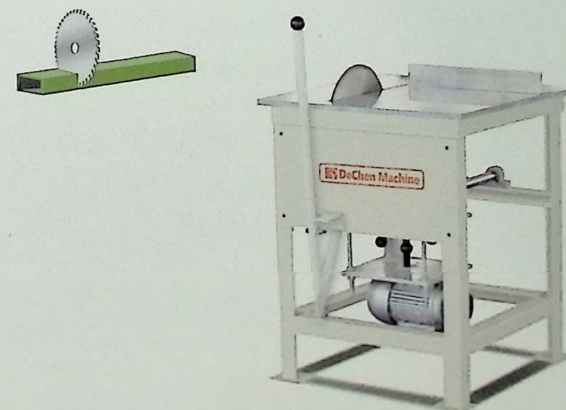
铝型材压条微切锯 Single-head Cutting Saw

DLJBLA-300



铝型材手动单头切割锯 Multi-function Manual Saw

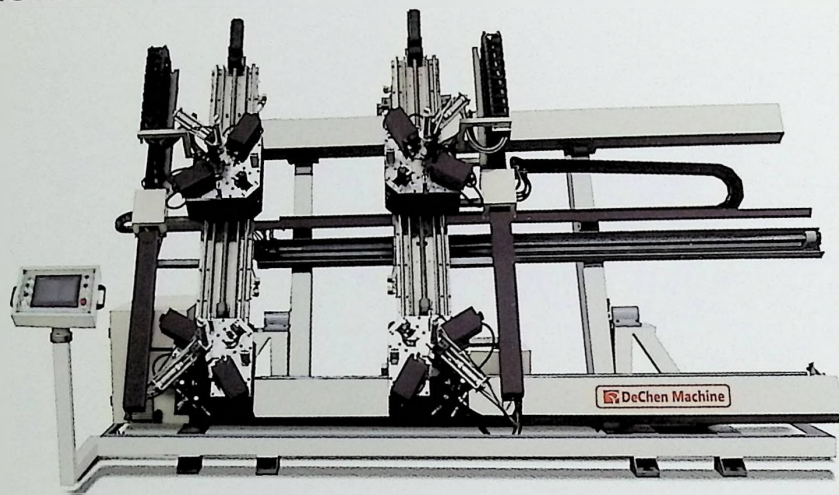
DLJ-300



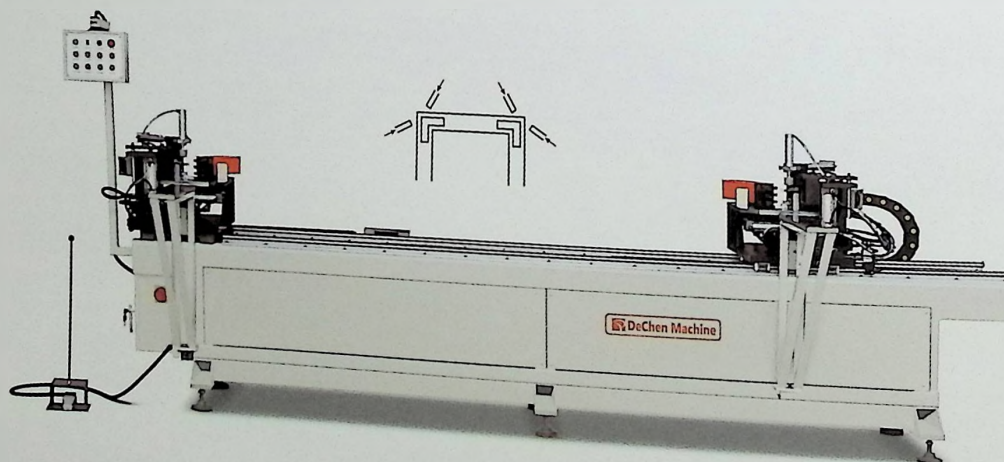
组角类加工设备
Corner crimping equipment

P25/26

铝门窗数控四头组角机 CNC Four-head Corner Crimping Machine



铝门窗双头组角机 Double-head Corner Crimping Machine



DLM-S-100×1800×3000

电源	Power supply	380V/50Hz
额定功率	Rating power	7.5kW
额定压力	Rated pressure	15MPa
工作压力	Operation air pressure	0.5-0.8MPa
油箱容量	Capability of oil box	60L
适应型材宽度	Profile width	93mm
组角缸运动行程	Corner crimping casing movement journey	0-50mm
组框最大尺寸	Max. frame dimension	1800×3000mm
组框最小尺寸	Min. frame dimension	480×480mm
外形尺寸	Overall dimension	4700×2260×2500mm
重量	Weight	2500kg

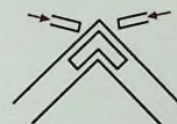
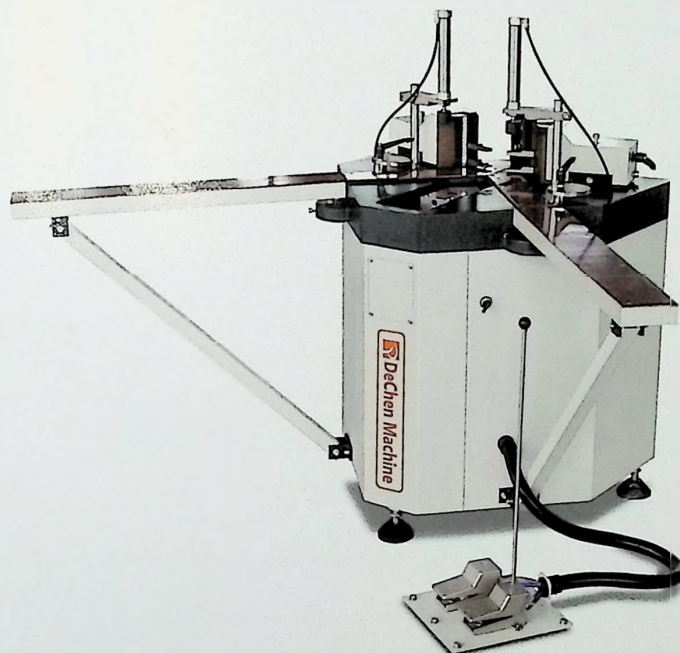
DLM2A-100×3500

电源	Power supply	380V/50Hz
输入功率	Input power	2.2kW
工作气压	Working pressure	0.6-0.8MPa
额定油压	Rating oil pressure	15MPa
油箱容量	Capability of oil box	40L
适应型材宽度	Profile width	93mm
组角缸运动行程	Corner crimping casing movement journey	0-60mm
组框最小框尺寸	Min. frame dimension	480×480mm
两机头最大开距	Max. processing frame size	3500mm
外形尺寸	Overall dimension	4500×2200×1750mm
重量	Weight	About 800kg

铝门窗气动单头组角机

Pneumatic Single-head Corner Crimping Machine

DLME-140



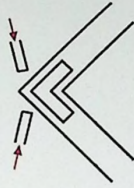
- 该组角机是高档铝门窗生产专用设备，适用于多层角码结构型铝门窗 90 度角联接。
- 整体采用全气动操作控制，无需电力控制，可调的机械联动结构，能够达到组角同步、组角深度和组角位置的一致。
- 内角定位块可以升降，组角完成后，可自动降落到工作台下面，取料十分方便。
- 设计合理，操作简便，易于维护保养。
- 内、外角定位上下可调，外角定位和组角刀的前后可调，适用于加工不同断面形状和尺寸的型材。
- The angle assembling machine is a special equipment for producing high-grade aluminum doors and windows, which is suitable for 90-degree angle connection of aluminum doors and windows with multi-layer angle code structure.
- The whole system adopts full pneumatic operation control, without electric power control, and the adjustable mechanical linkage structure can achieve the synchronization of assembly angles, the consistency of assembly angle depth and assembly angle position.
- The inner corner positioning block can be lifted and lowered, and it can automatically drop below the workbench after the corner assembly is completed, so it is very convenient to take materials.
- Reasonable design, simple operation and easy maintenance.
- The internal and external angle positioning can be adjusted up and down, and the external angle positioning and angle setting knife can be adjusted back and forth, which is suitable for processing profiles with different cross-section shapes and sizes.

工作模式	Work pattern	气动 Pneumatic
工作气压	Working pressure	0.6~0.8MPa
耗气量	Gas consumption	1.7L/ 次
组角压力	Group angular pressure	32KN (0.7MPa 时)
组角行程	Group angular travel	10mm
内定位块行程	Travel of inner positioning block	120mm
型材侧面调节范围	Adjustment range of profile side	40mm
加工型材高度	Height of machined profile	Max.140mm
加工型材宽度	Width of machined profile	Max.120mm
外形尺寸	Overall dimensions	1900 × 1300 × 1350mm
重量	Weight	About 450kg

组角类加工设备 P27/28
Corner crimping equipment

铝门窗重型单头组角机
Heavy-duty Single-head Corner Crimping Machine

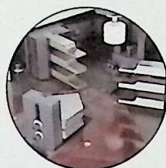
DLMC-160



电机功率	Power of motor	2.2kW
额定压力	Rated pressure	10MPa (最高 15MPa)
耗气量	Gas consumption	10L/min
油箱容积	Fuel tank capacity	40L
型材高度	Profile height	160mm
组角缸行程	Stroke of angle cylinder	35mm
组角行程	Group angular travel	18mm
定位缸行程	Positioning cylinder stroke	80mm
外形尺寸	Overall dimensions	1500 x 1800 x 1350mm
重量	Weight	About 450kg

- 整体采用加重式设计，主要部件均采用高强度球墨铸铁 QT600-3 加工而成。有效的保证了设备的使用精度和长期的精度保持。
- 组角推进机构采用全新的设计理念，设备整体更紧凑。
- 针对越来越多的加重、加宽、加厚的门窗型材组角难的问题，加大了组角机构的组角空间和推进力，最大可到 7 吨。
- 设备采用西门子 PLC 控制，使设备更加稳定高效。
- The whole design is weighted, and the main components are made of high strength ductile iron QT600-3. The use precision and long-term precision maintenance of the equipment are effectively guaranteed.
- The angular propulsion mechanism adopts a brand-new design concept, and the whole equipment is more compact.
- In view of the problem that it is difficult for more and more door and window profiles to assemble angles, the angle assembling space and propulsion force of the angle assembling mechanism are increased, and the maximum is 7 tons.
- The equipment is controlled by Siemens PLC, which makes the equipment more stable and efficient.

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



DLMB-120

电源	Power supply	380V/50Hz
电机功率	Power of motor	1.5kW
工作气压	Working pressure	0.5~0.8MPa
额定压力	Rated pressure	16MPa
耗气量	Gas consumption	10L/min
油箱容积	Fuel tank capacity	20L
型材高度	Profile height	90mm
组角缸行程	Stroke of angle cylinder	85mm
总组角压力	Group angular pressure	48KN
外形尺寸	Overall dimensions	1650 × 1680 × 1210mm
重量	Weight	About 400kg

铝门窗重型单头组角机 Heavy-duty Single-head Corner Crimping Machine



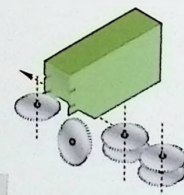
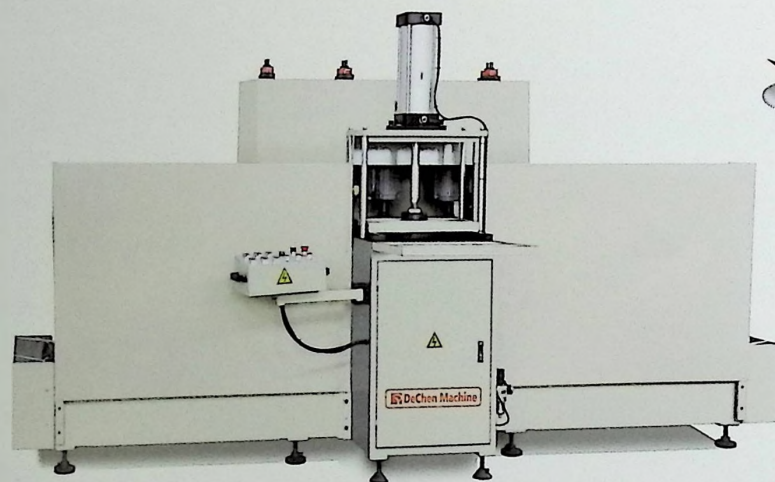
DLMC-120

电源	Power supply	380V/50Hz
电机功率	Power of motor	1.5kW
工作气压	Working pressure	0.5~0.8MPa
额定压力	Rated pressure	16MPa
耗气量	Gas consumption	10L/min
油箱容积	Fuel tank capacity	20L
型材高度	Profile height	90mm
组角缸行程	Stroke of angle cylinder	85mm
总组角压力	Group angular pressure	48KN
外形尺寸	Overall dimensions	1850 × 1680 × 1210mm
重量	Weight	About 400kg

铣削类加工设备
Milling processing equipment

P29/30

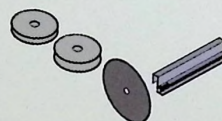
铝幕墙自动走刀式铣榫机 Profile Tenon Milling Machine for Curtain Wall



DLXSJEA-250

电源	Power supply	380V/50Hz
总功率	Motor power	14.5kW
电机转速	Motor speed	2800r/min
工作气压	Working pressure	0.5~0.8MPa
进给电机	Feed motor power	1.1kW
铣刀主轴直径	Shaft diameter	Φ32mm
刀具进给行程	Tool feed stroke	1650mm
开榫深度	Milling tenon depth	110mm
工作台尺寸	Table size	510×480mm
刀具调整行程	Tool adjustment stroke	横向 80mm 纵向 280mm
外形尺寸	Overall dimension	4810×1340×1965mm
重量	Weight	About 1400kg

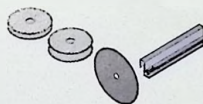
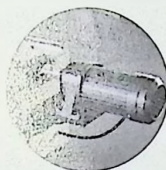
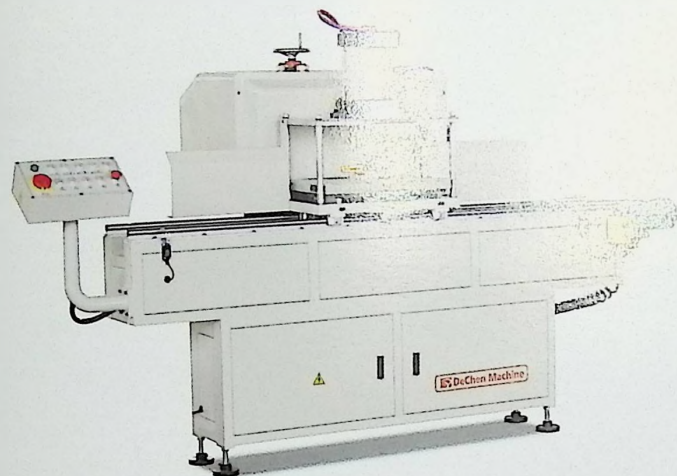
铝型材自动走刀式端面铣床 Tool-moving Type End-milling Machine for Aluminum Profile



DLXDE-250

电源	Power supply	380V/50Hz
总功率	Motor power	9.55kW
电机转速	Motor speed	2830r/min
工作气压	Working pressure	0.5~0.8MPa
耗气量	Air consumption	20L/min
锯片规格	Saw blade specifications	Φ300×Φ30×3.2mm
刀具进给行程	Tool feed stroke	1060mm
开榫深度	Milling tenon depth	最大 65mm
铣榫高度	Milling tenon height	最大 150mm
工作台有效尺寸	Table size	425mm
外形尺寸	Overall dimension	2500×2100×1550mm
重量	Weight	About 1200kg

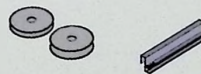
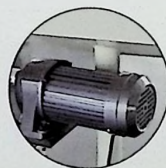
铝型材重型端面铣床 End-milling Machine for Aluminum Profile



DLXDB-250C

电源	Power supply	380V/50Hz
总功率	Motor power	9.5kW
电机转速	Motor speed	2800r/min
工作气压	Working pressure	0.5~0.8MPa
耗气量	Air consumption	20L/min
锯片直径	Diameter of saw blade	Φ350mm
铣刀直径	Diameter of milling cutter	Φ250mm
铣刀主轴直径	Shaft diameter	Φ32mm
电机调整行程	Cutter adjustment	0 ~ 85mm
工作台进给行程	Worktable journey	0~1160mm
外形尺寸	Overall dimension	2840 × 1070 × 1670mm
重量	Weight	About 1000kg

铝型材重型端面铣床 End-milling Machine for Aluminum Profile



DLXDBA-250

电源	Power supply	380V/50Hz
总功率	Motor power	7.2kW
电机转速	Motor speed	2800r/min
工作气压	Working pressure	0.5~0.8MPa
耗气量	Air consumption	20L/min
锯片直径	Diameter of saw blade	Φ350mm
铣刀直径	Diameter of milling cutter	Φ250mm
铣刀主轴直径	Shaft diameter	Φ32mm
电机调整行程	Cutter adjustment	0 ~ 85mm
工作台进给行程	Worktable journey	0~1050mm
外形尺寸	Overall dimension	2425 × 1510 × 1655mm
重量	Weight	About 800kg

铝型材超效端面铣床

End-milling Machine for Aluminum Profile



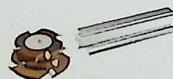
DLXDB-220

电源	Power supply	380V/50Hz
总功率	Motor power	2 × 2.2kW
电机转速	Motor speed	2800r/min
工作压力	Working pressure	0.5~0.8MPa
耗气量	Air consumption	15L/min
铣刀直径	Diameter of milling cutter	Φ160~Φ220mm
铣刀主轴直径	Shaft diameter	Φ32mm
工作台进给行程	Worktable journey	0~750mm
外形尺寸	Overall dimension	1250 × 720 × 1650mm
重量	Weight	About 450kg

铝型材端面铣床

End-milling Machine for Aluminum Profile

DLXD-200



电源	Power supply
总功率	Motor power
电机转速	Motor speed
工作压力	Working pressure
耗气量	Air consumption
铣刀直径	Diameter of milling cutter
铣刀主轴直径	Shaft diameter
可装铣刀高度	Milling cutter height
电机调整行程	Cutter adjustment
工作台进给行程	Worktable journey
外形尺寸	Overall dimension
重量	Weight

DLXD-200
380V/50Hz
1.5kW
2800r/min
0.5~0.8MPa
10L/min
Φ110~Φ200mm
Φ32mm
70mm
0~80mm
0~320mm
850 × 740 × 1280mm
About 200kg

铝型材端面铣床

End-milling Machine for Aluminum Profile

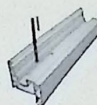
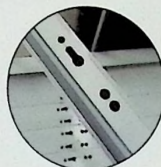
DLXDA-200



DLXDA-200
380V/50Hz
1.5kW
2800r/min
0.5~0.8MPa
10L/min
Φ110~Φ200mm
Φ32mm
70mm
0~80mm
0~320mm
850 × 740 × 1350mm
About 220kg

铝型材单头仿形铣床

Single-head Copy Router Machine for Aluminum Profile

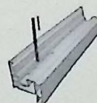
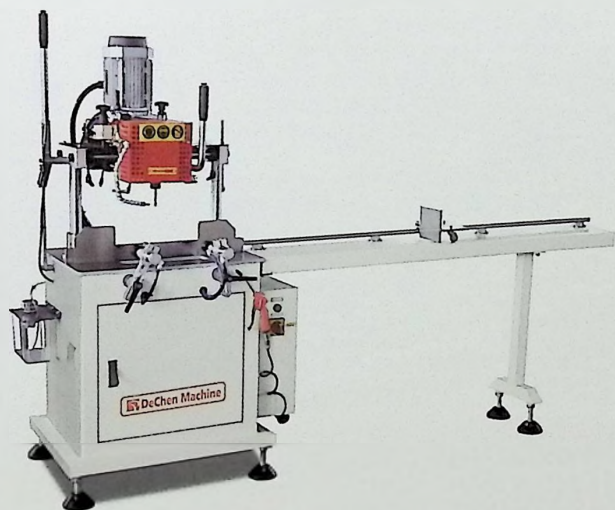


DLXFII-370×125

电源	Power supply	380V/50Hz
输入功率	Input power	3.0kW
工作气压	Working air pressure	0.5 ~ 0.8MPa
转速	Motor rotary speed	12000r/min
仿形范围	Copy-routing range	370 × 125mm
铣刀直径	Milling cutter diameter	Φ5、Φ8mm
加工型材截面	Profile section	W230 × H150mm
外形尺寸	Overall dimension	4050 × 870 × 1400mm
重量	Weight	About 200kg

铝型材重型单头仿形铣床

Single-head Copy Router Machine for Aluminum Profile



DLXFA-235×100

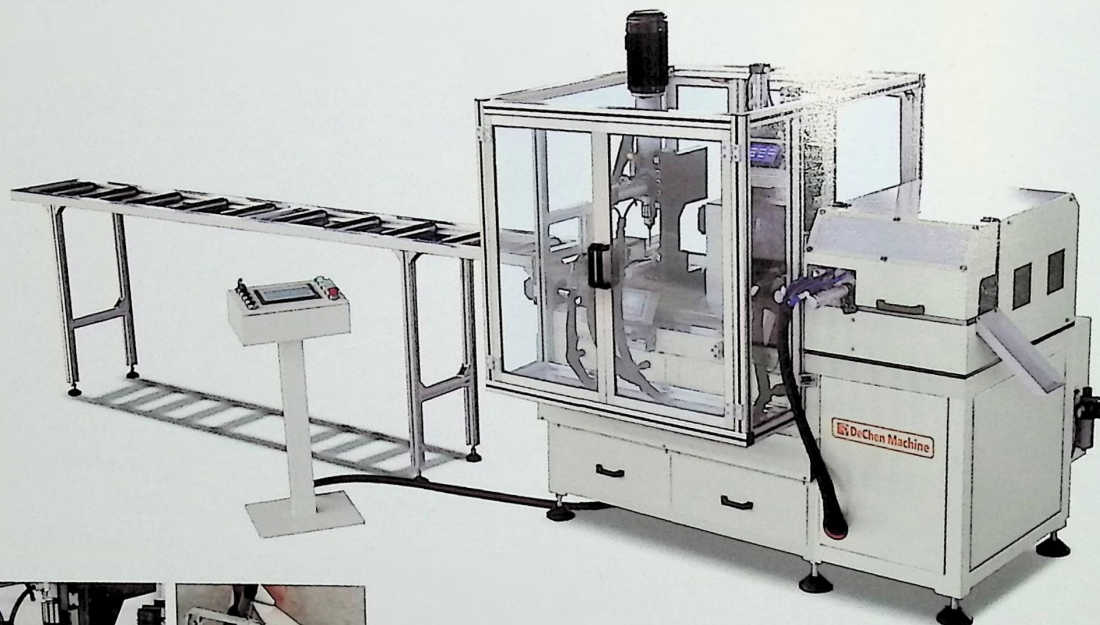
电源	Power supply	380V/50Hz
输入功率	Input power	2.2kW
工作气压	Working air pressure	0.5 ~ 0.8MPa
转速	Motor rotary speed	12000r/min
仿形范围	Copy-routing range	235 × 100mm
铣刀直径	Milling cutter diameter	Φ5、Φ8mm
外形尺寸	Overall dimension	2050 × 700 × 1510mm
重量	Weight	About 200kg

钻孔类加工设备
Drilling processing equipment

P33/34

铝门窗数控中挺连接件加工机 CNC Mullion Connector Processing Machine

DLZK-CNC-80



电源	Power supply	380V/50Hz
总功率	Motor power	7.5kW
工作气压	Working pressure	0.5~0.6MPa
锯切锯片规格	Saw blade specification	Φ400x3.4xΦ30x2.8mm
攻丝转速	Tapping speed	单独面板可调整 Individual panels are adjustable
钻孔规格	Drilling specification	3~10mm
开槽锯片规格	Grooving saw blade specification	Φ200x2.0xΦ30mm
送料长度	Supporter length	分段可设定 Segments can be set
锯切成品宽度误差	Width error of cutting	±0.3mm
表面粗糙度	Surface roughness	6.3~12.5 μm
外形尺寸 (含托料架)	Overall dimension	5800x1400x1750mm
重量	Weight	800kg

- 适用于铝门窗中挺连接件加工, 钻孔、开槽、攻丝、切断, 设备由床身焊接构件、伺服自动送料部分、钻孔部分、开槽部分、攻丝部分、切断部分组成。
- 伺服自动送料部分可根据成品尺寸设定自动分段送料长度, 进行自动送料。
- 钻孔部分可手动调整钻孔前后位置、钻孔深度; 可结合钻孔位置进行水平移动调整。
- 开槽部分的开槽位置可结合开槽位置进行水平移动调整, 通过限位块上的调整螺栓进行开槽深度调整。
- 攻丝部分可手动调整攻丝前后位置, 深度控制依靠开关控制, 可结合攻丝位置进行水平移动调整。
- 切割部分为固定单元, 锯片通过气缸控制伸出退回, 进行切割加工。
- 托料架部分, 用来放置原料, 上面安装有圆柱销筒。
- It is suitable for processing mullion connectors of aluminum doors and windows, drilling, grooving, tapping and cutting. The equipment consists of lathe bed welding components, servo automatic feeding part, drilling part, slotting part, tapping part and cutting part.
- The servo automatic feeding part can set the automatic sectional feeding length according to the finished product size to carry out automatic feeding.
- The drilling part can manually adjust the position before and after drilling and the drilling depth. The horizontal movement adjustment can be carried out in combination with the drilling position.
- The grooving position of the grooving part can be horizontally moved and adjusted in combination with the grooving position, and the grooving depth can be adjusted through the adjusting bolt on the limiting block.
- The tapping part can manually adjust the position before and after tapping, and the depth control depends on switch control. Horizontal movement adjustment can be carried out in combination with tapping position.

铝型材钻孔攻丝机

Drilling and Tapping Machine for Aluminum Profile

DLZK-01

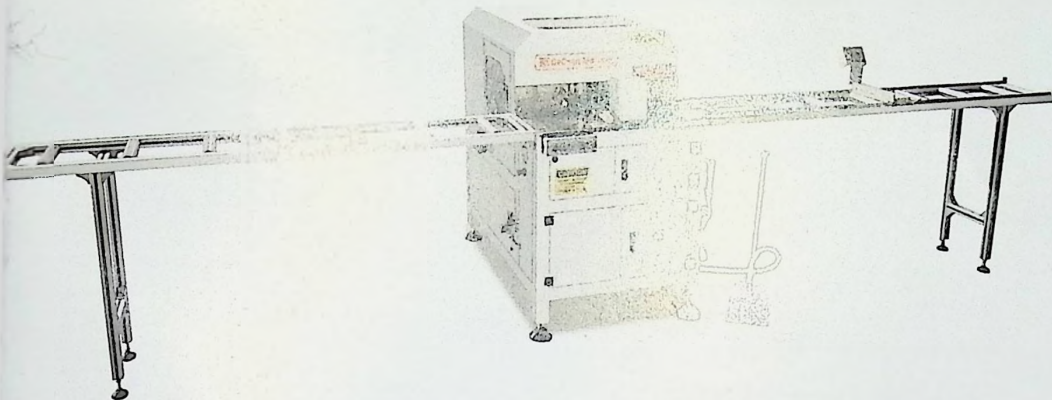
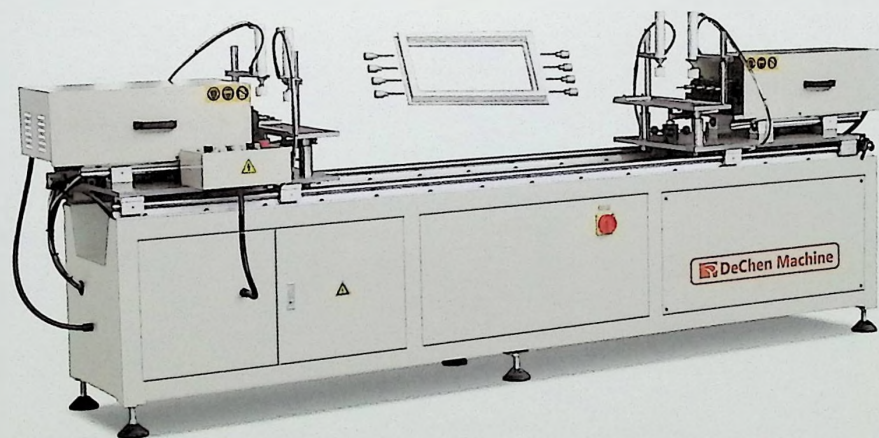
电源	Power supply	380V/50Hz
输入功率	Input power	1.5kW
工作气压	Working air pressure	0.5 ~ 0.8MPa
耗气量	Air consumption	20L/min
主轴电机转速	Motor rotary speed	2800rpm
钻孔直径	Borehole diameter	Φ3 ~ Φ7mm
水平最小孔距	Min. horizontal hole spacing	30mm
水平最大孔距	Max. horizontal hole spacing	60mm
垂直孔距	Vertical hole spacing	0~90mm
主机外形尺寸	Overall dimension	800 × 1250 × 1300mm
重量	Weight	About 200kg

卧式双头链钻床

Double-head Hingle Hole Drilling Machine

DLJLJ-01

电源	Power supply	380V/50Hz
输入功率	Input power	3.0kW
工作气压	Working air pressure	0.6~0.8MPa
钻头数量	No. of power-drill	8
加工宽度尺寸	Process dimension	300 × 2000mm
钻孔直径	Drilling diameter	Φ10mm
最小孔距	Min. hole distance	22mm
最大孔距	Max. hole distance	380mm
主轴转速	Spindle speed	2800rpm
外形尺寸	Overall dimension	3700 × 800 × 1400mm
重量	Weight	About 750kg

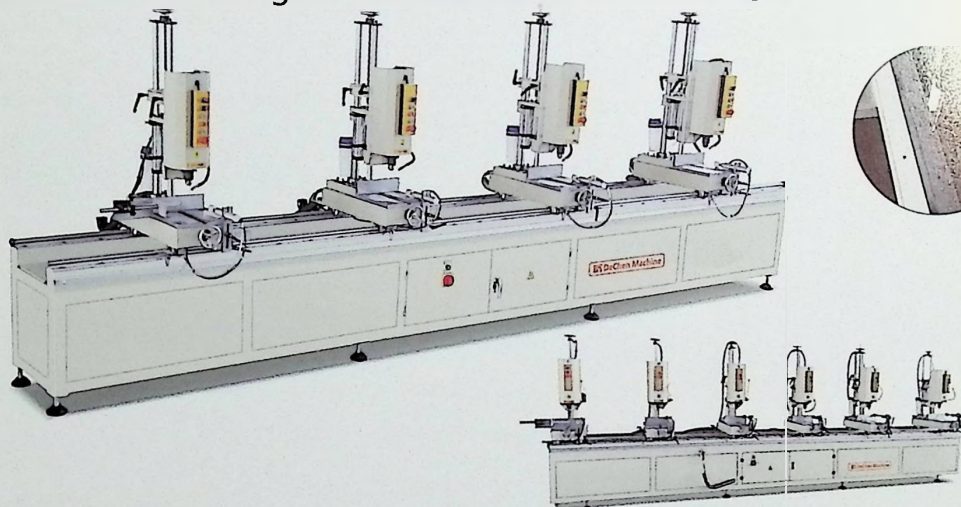


钻孔类加工设备
Drilling processing equipment

P35/36

铝型材多头组合钻床

Multi-head Drilling Machine for Aluminum Profile

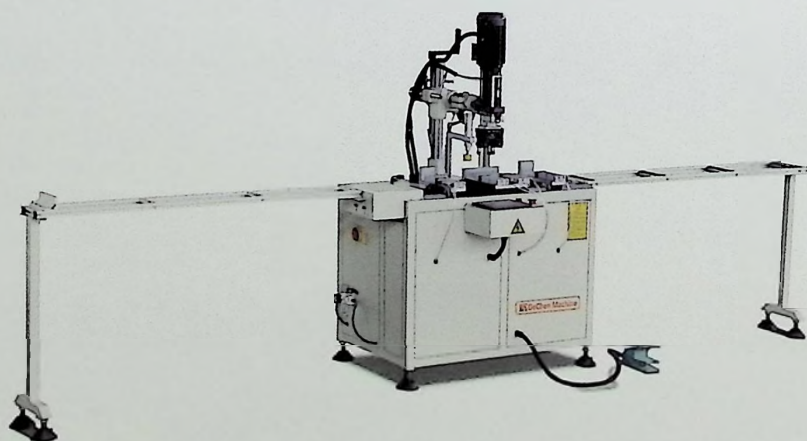


DLZZ4A-13/DLZZ6A-13

电源	Power supply	380V/50Hz
电机功率	Motor power	4/6 × 1.1kW
工作压力	Working pressure	0.5~0.8MPa
动力头数量	Power unit quantity	4/6
两钻孔最大距离	Max. hole spacing	5000mm
两钻孔最小距离	Min. hole spacing	300mm
最大钻孔直径	Max. drilling diameter	13mm
工作台尺寸	Worktable size	300 × 200mm
钻头进给行程	Drilling head feeding travel	150mm
加工最大截面	Max. machining section	250 × 250mm
外形尺寸	Overall dimension	5500 × 1100 × 1800mm
重量	Weight	About 1350/1100kg

铝型材数控钻孔机

CNC Drilling Machine for Aluminum Profile



DLZZ02-13

电源	Power supply	380V/50Hz
总功率	Motor power	1.5kW
工作压力	Working pressure	0.5~0.8MPa
两钻孔最大距离	Max. hole spacing	95mm
动力头上下移动距离	Head up and down stroke	150mm
最大钻孔直径	Max. drilling diameter	13mm
加工最大截面	Max. machining section	250 × 250mm
外形尺寸	Overall dimension	3000 × 1000 × 1500mm
重量	Weight	About 500kg

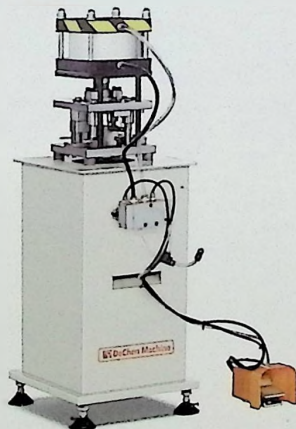
铝门窗四头压力机 Four-head Punching Machine

DLY4A-90



铝门窗五金件冲床 Pneumatic Punching Machine

DLY-16



		DLY4A-90	DLY2A-90
电源	Power supply	380V/50Hz	380V/50Hz
总功率	Motor power	3.75kW	3.0kW
油缸容量	Oil cylinder capacity	50L	50L
装模区间	Interval of equipment of mould	4 个	2 个
最大冲裁行程	Max. blanking stroke	80mm	80mm
工作台尺寸	Worktable size	430 × 1400mm	400 × 400mm
开口高度	Closing height	215mm	200mm
单缸最大冲裁力	Max cutting force	80KN	80KN
外形尺寸	Overall dimension	1500 × 730 × 1280mm	1300 × 730 × 1280mm
重量	Weight	About 800kg	About 600kg

铝门窗双头压力机 Two-head Punching Machine

DLY2A-90



铝门窗液压六座压力机 Six-station Punching Machine

DLY6-50

		DLY-16	DLY6-50
电源	Power supply	/	380V/50Hz
电机功率	Motor power	/	1.5kW
工作气压	Working pressure	0.5-0.8MPa	/
公称压力	Press nominal pressure	16KN	50KN
闭合高度	Closing height	/	185mm
冲压行程	Punching travel	30mm	30mm
可装模具尺寸	Size of mountable mold	340 × 240 × 500mm	250 × 200 × 215mm
外形尺寸	Overall dimension	500 × 480 × 1320mm	900 × 950 × 1420mm
重量	Weight	About 200kg	About 400kg



智能门窗加工联线设备
Intelligent window online equipment

P37/38

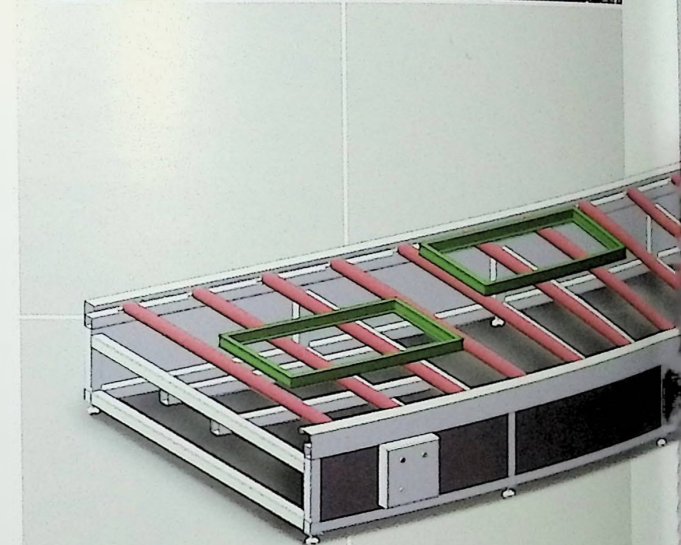
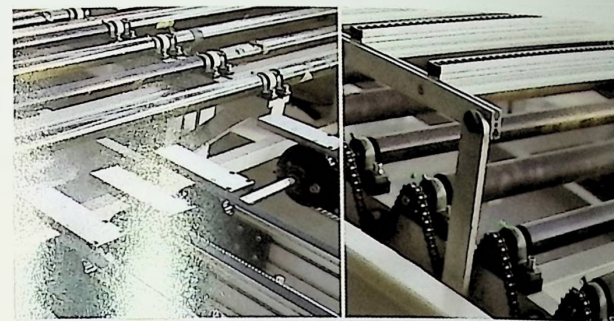
门窗组装流水线 Door and Window Assembly Line

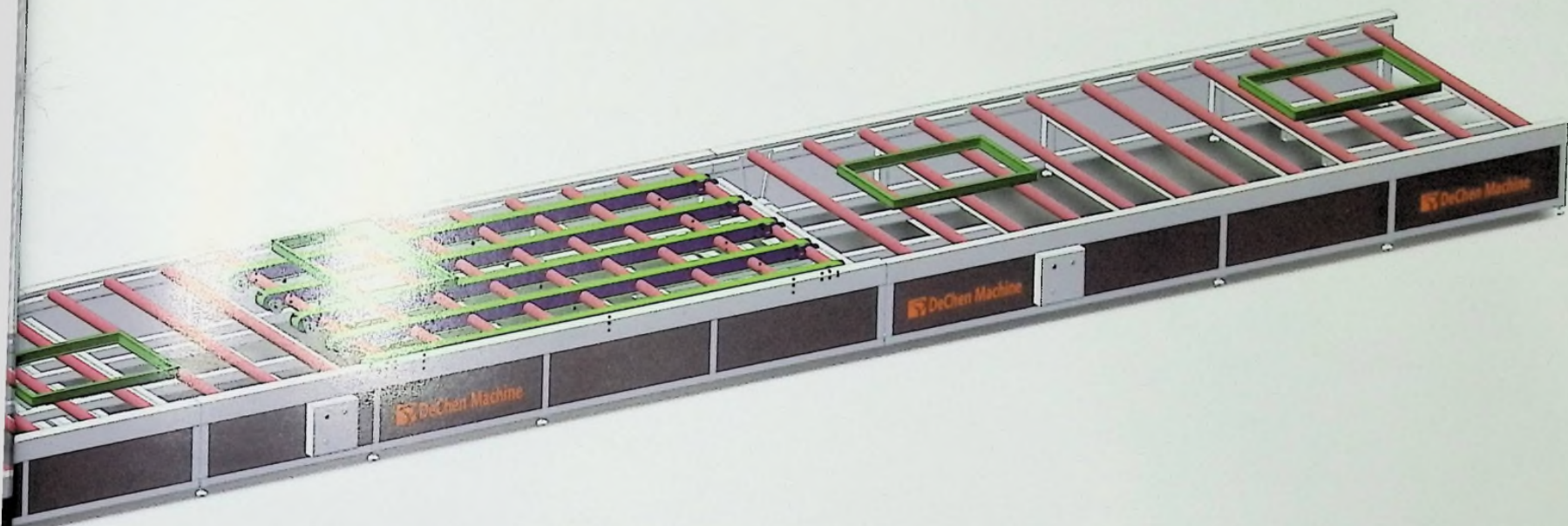
DLZZX-2200

适用于系统门窗流水线形式的高效组装，从涂抹组角胶、穿入角码及钢片开始，到组角加工、中梃拼装、安装胶条、安装五金、压条配做，直至包装完成，全部的生产均可在此流水线上完成，节省了人工搬运作业。

It is suitable for window door assembly with high efficient, it starts from mopping crimping glue, put corner cleat into profile, then do crimping, mullion assembly, rubber assembly, hardware installation, glazing installation until packing, all process step can be finished in this line which can save worker carrying time.

每段尺寸	Size of each segment	5000x2500mm
输送速度	Transmit speed	无极可调 Infinitely adjustable
总功率	Total power	约 4.0kW
耗气量	Air consumption	约 30L/min
电源	Power supply	380V/50Hz
工作气压	Operating pressure	0.6~0.8MPa





主要特点

- 机床床身采用高刚性的优质碳素结构钢焊接的焊接构件。
- 部分结构采用工业铝型材拼接而成。

输送部分

- 共有四段组成，每段分固定架和活动架两大部分。
- 每段配有单独的动力机构，可同时或单独动作。
- 固定架配有传送带，由减速机带动实现输送。
- 活动架安装在固定架上，可通过气缸实现上下升降，并且上方安装有滚轮，实现门窗的左右移动。
- 动作之间相互衔接，有 PLC 控制。

电路及控制系统

- 电器装置符合 IEC204-1 及其它相等的技术标准。
- 电气零件、组件完全遵照国内安全特性。
- 控制系统由 PLC 和低压电器组成。

Main features

- The lathe bed adopts high-rigidity and high-quality carbon structural steel welded welding components.
- Part of the structure is formed by special industrial aluminum profiles.

Conveying part

- It consists of four sections, each section is divided into two parts: a fixed frame and a movable frame.
- Each section is equipped with a separate power mechanism, which can act simultaneously or separately.
- The fixed frame is equipped with a conveyor belt, which is driven by a speed reducer to realize transportation.
- The movable frame is installed on the fixed frame and can be lifted up and down through the air cylinder, and rollers are installed above to realize the left and right movement of doors and windows.
- The actions are connected with each other and controlled by PLC.

Circuit and control system

- Electrical appliances conform to IEC204-1 and other equivalent technical standards.
- Electrical parts and components fully comply with domestic safety characteristics.
- The control system consists of PLC and low-voltage electrical appliances.

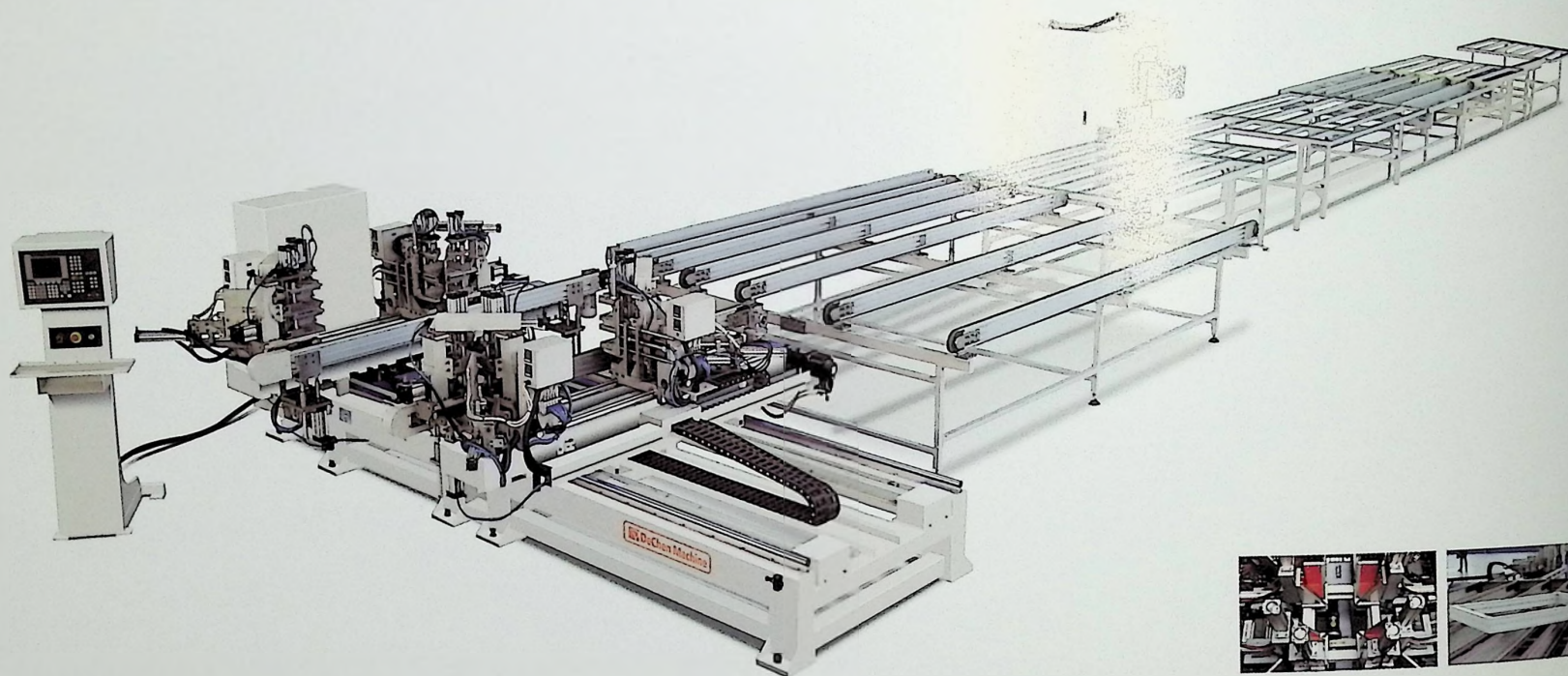
塑料门窗加工设备
uPVC processing equipment

P39/40

塑料门窗焊接清理自动线

Automatic Welding and Cleaning Production Line

DSHQ-01

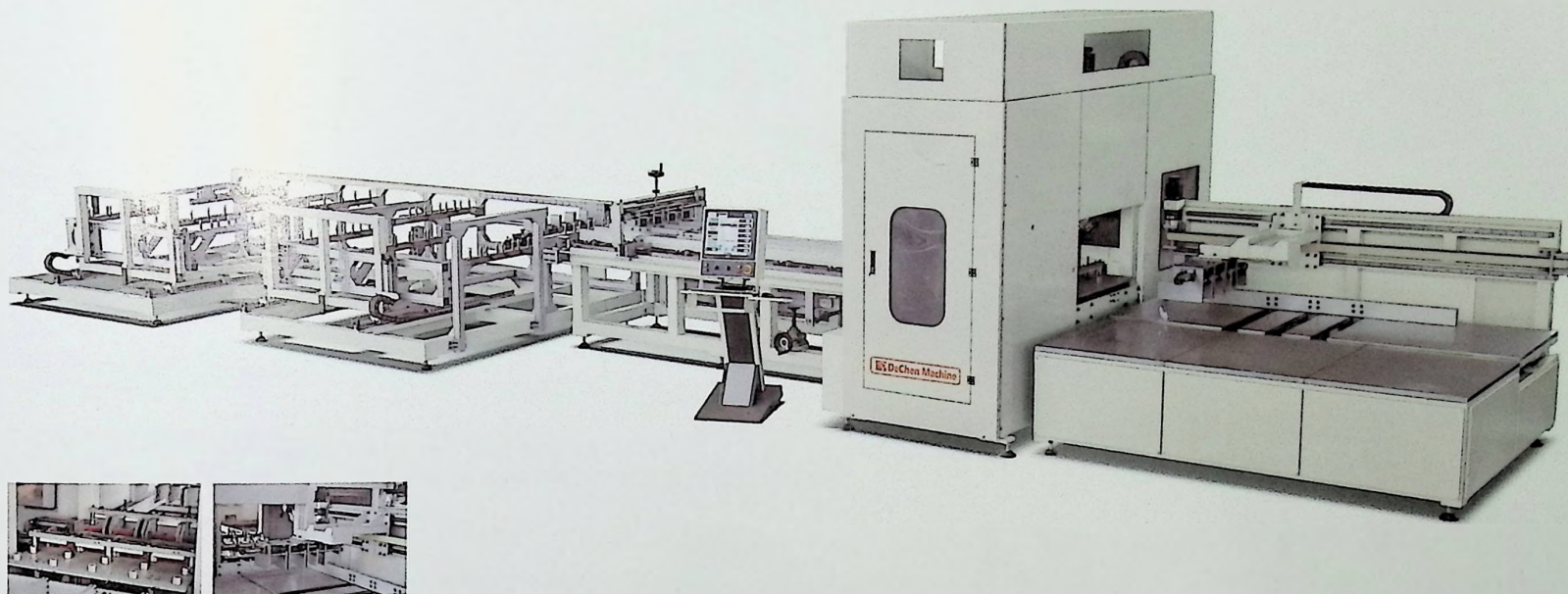


电源	Power supply	380V/50Hz
总功率	Total power	15kW
工作气压	Working pressure	0.6~0.8MPa
耗气量	Air consumption	250L/min
焊接型材高度范围	Welding profile height	30~130mm
焊接型材宽度范围	Welding profile width	30~120mm
焊接门窗最小尺寸	Welding min. size	500 × 650mm
焊接门窗最大尺寸	Welding max. size	1800 × 3000mm
外形尺寸	Overall dimension	12500x6000x2200mm
重量	Weight	About 4000kg

- 由焊接单元、输送机构、机械手及角缝清理单元组成，用于自动完成塑料门窗矩形框（或扇）的焊接、输送及清理。
- 通过上位机自动编程及自动选择加工程序，柔性实现 CAD/CAPP/CAM。
- 焊接单元机身卧式布置，焊接平稳可靠；可实现焊接尺寸自动补偿，焊接制品尺寸精度高。
- 角缝清理单元配置高效伺服驱动系统，自动实现对塑料门窗的几乎全焊缝的快速清理。
- It consists of a welding unit, a conveying mechanism, a manipulator and a corner seam cleaning unit, and is used for automatically completing the welding, conveying and cleaning of rectangular frames (or fans) of plastic doors and windows.
- CAD/CAPP/CAM can be realized flexibly through automatic programming and automatic selection of processing program by upper computer.
- The welding unit fuselage is horizontally arranged, so the welding is stable and reliable. Automatic compensation of welding size can be realized, and the size precision of welded products is high.
- The corner seam cleaning unit is equipped with an efficient servo drive system, which can automatically clean almost the entire weld seam of plastic doors and windows.

塑料型材数控自动锯切加工中心 automatic CNC Cutting Center for PVC Profile

DSJZDB-CNC-130



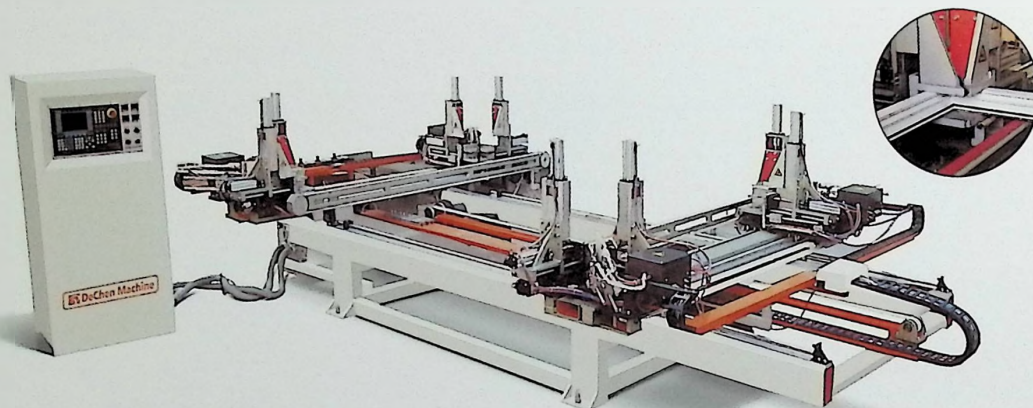
- 用于自动实现塑料型材 45°、V 型口及中挺的定尺切割，适用于大批量高档门窗制作。
- 配有循环上料系统，大幅度提高了生产效率。
- 机械手可同时装夹，一次完成多根型材的锯切，生产效率高。
- 送料机械手采用全闭环控制技术，确保下料精度。
- 可配置条码打印机，实时打印物料标识，实现工艺信息标识化，便于物料管理（软件支持）。
- It is used to automatically cut plastic profiles at 45°, V-shaped openings and center stiles to length, and is suitable for mass production of high-grade doors and windows.
- Equipped with circulating feeding system, the production efficiency is greatly improved.
- The manipulator can clamp at the same time, complete sawing of multiple profiles at one time, and has high production efficiency.
- The feeding manipulator adopts full closed-loop control technology to ensure the blanking accuracy.
- Bar code printer can be configured to print material identification in real time, so as to realize process information identification and facilitate material management (supported by software).

电源	Power supply	380V/50Hz
总功率	Total power	13kW
工作气压	Working pressure	0.5~0.8MPa
耗气量	Air consumption	100L/min
锯片转速	Saw blade speed	3000r/min
主轴电机功率	Spindle motor power	2 × 3.0kW
锯片规格	Saw blade specification	Φ500 × 4.3 × Φ30mm
锯切范围	Cutting length	350~6500mm
锯切高度 × 宽度	Cutting H × W	Max.120 × 130mm
料仓数量	Number of silos	4
外形尺寸	Overall dimension	12900x4300x2000mm
重量	Weight	About 4300kg

塑料门窗加工设备
uPVC processing equipment

P41/42

塑料门窗卧式多层数控共挤四角焊接机 CNC Four Point Welding Machine for PVC Win-door

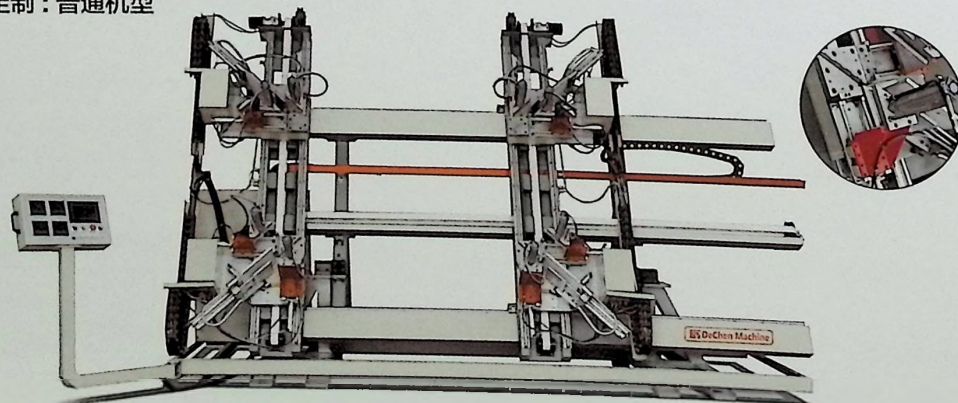


DSHP4WD-CNC-3000B

电源	Power supply	380V/50Hz
总功率	Total power	9.0kW
工作气压	Working pressure	0.5~0.8MPa
耗气量	Air consumption	200L/min
焊接型材高度	Welding profile height	25~160mm
焊接型材宽度	Welding profile width	120mm
焊接门窗最小尺寸	Welding min. size	500 × 650mm
焊接门窗最大尺寸	Welding max. size	1800 × 3000mm
外形尺寸	Overall dimension	5100x3050x1500mm
重量	Weight	About 1500kg

塑料门窗数控四角焊接机 CNC Four-corner Vertical Welding Machine for PVC Win-door

可定制：普通机型



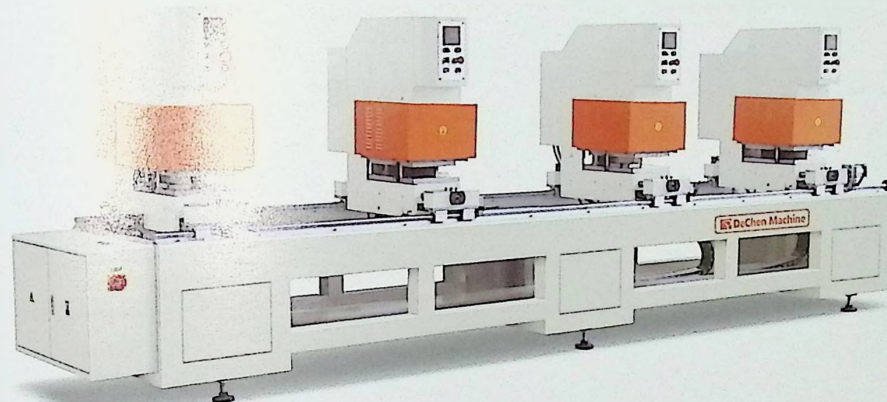
DSHP4-CNC-3000A/B

电源	Power supply	380V/50Hz
总功率	Total power	9.0kW
工作气压	Working pressure	0.5~0.8MPa
耗气量	Air consumption	200L/min
焊接型材高度	Welding profile height	25~160mm
焊接型材宽度	Welding profile width	120mm
焊接门窗最小尺寸	Welding min. size	400 × 400mm
焊接门窗最大尺寸	Welding max. size	1800 × 3000mm
外形尺寸	Overall dimension	5000x2000x2860mm
重量	Weight	About 1300kg

高档彩色塑料门窗专用四位焊接机

Four-head Seamless Welding Machine for PVC Win-door

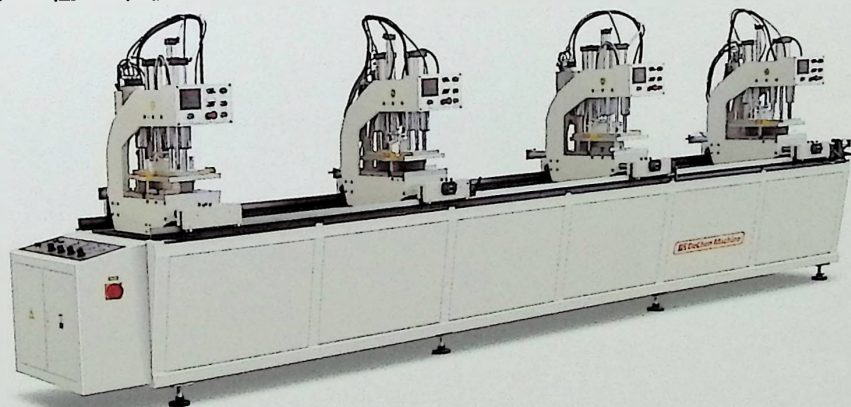
可定制：三位 / 二位机型



塑料门窗单面无缝四位焊接机

Four-head One-side Seamless Welding Machine

可定制：三位 / 二位机型及普通机型



DSHZ4GA-120×4500

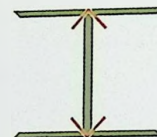
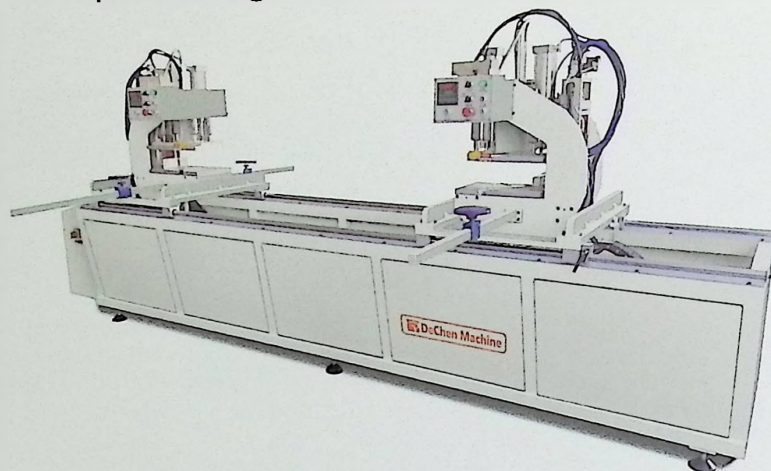
电源	Power supply	220V/50Hz
总功率	Total power	4.5kW
工作压力	Working pressure	0.5~0.7MPa
耗气量	Air consumption	200L/min
焊接型材宽度	Welding profile height	100mm
焊接型材高度	Welding profile width	20~120mm
焊接范围	Welding range	400~4500mm
外形尺寸	Overall dimension	5500 × 1250 × 1740mm
重量	Weight	About 1100kg

DSHZ4A-120×4500

电源	Power supply	220V/50Hz
总功率	Total power	4.5kW
工作压力	Working pressure	0.5~0.7MPa
耗气量	Air consumption	200L/min
焊接型材宽度	Welding profile height	100mm
焊接型材高度	Welding profile width	20~120mm
焊接范围	Welding range	400~4500mm
外形尺寸	Overall dimension	5400 × 1100 × 1700mm
重量	Weight	About 900kg

塑料门窗加工设备 P43/44
uPVC processing equipment

塑料门窗工字焊接机 H-Shape Welding Machine for PVC Profile



DSHZ2C-120×3500

电源	Power supply	220V/50Hz
总功率	Total power	3.0kW
工作压力	Working pressure	0.5~0.8MPa
耗气量	Air consumption	100L/min
焊接型材宽度	Welding profile height	100mm
焊接型材高度	Welding profile width	120mm
焊接范围	Welding range	660~3500mm
外形尺寸	Overall dimension	4400 × 1000 × 1800mm
重量	Weight	About 700kg

塑料门窗单点任意角焊接机 Single-point Welding Machine with Arbitrary Angle

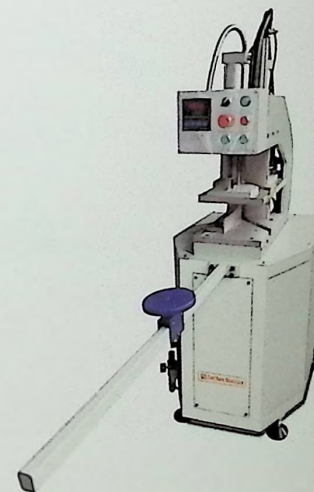
DSH01



		DSH01	DSHZ-120
电源	Power supply	220V/50Hz	220V/50Hz
总功率	Total power	1.5kW	1.5kW
工作压力	Working pressure	0.5~0.8MPa	0.5~0.8MPa
耗气量	Air consumption	50L/min	50L/min
焊接型材宽度	Welding profile height	230mm	100mm
焊接型材高度	Welding profile width	25~120mm	20~120mm
外形尺寸	Overall dimension	960 × 900 × 1460mm	650 × 1650 × 1760mm
重量	Weight	About 200kg	About 250kg

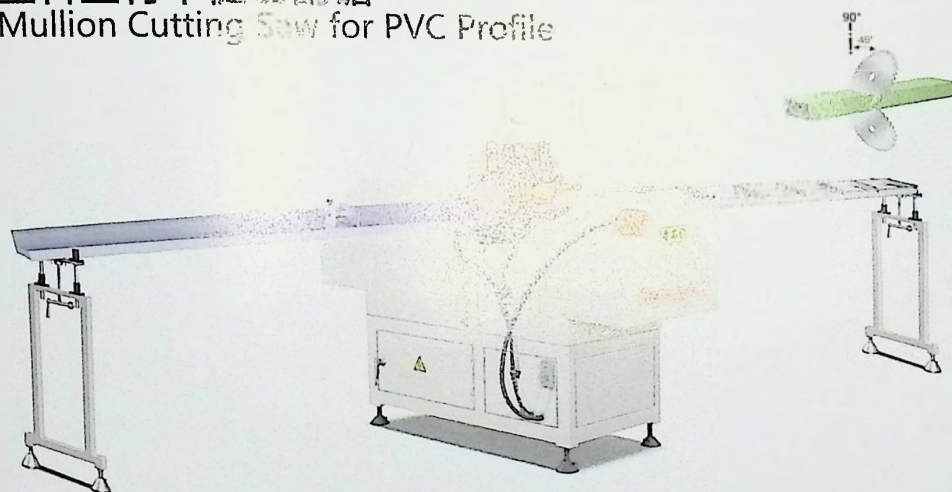
塑料门窗单头焊接机 Single-head Welding Machine for PVC Profile

DSHZ-120



塑料型材中挺切割锯

Mullion Cutting Saw for PVC Profile



DSJV-55

电源	Power supply	380V/50Hz
总功率	Total power	2.2kW
工作压力	Working pressure	0.5~0.8MPa
耗气量	Air consumption	15L/min
主轴转速	Motor rotary speed	2800r/min
锯切高度	Cutting height	Max.110mm
锯切宽度	Cutting width	Max.120mm
锯切长度	Cutting length	300~2100mm
外形尺寸	Overall dimension	7500 × 1720 × 1390mm
重量	Weight	About 300kg

铝塑型材 V 型切割锯

V-Cutting Saw for Aluminum and PVC Profile

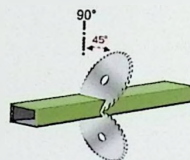


DLJWV-60

电源	Power supply	380V/50Hz
总功率	Total power	2.2kW
工作压力	Working pressure	0.5~0.8MPa
耗气量	Air consumption	30L/min
主轴转速	Motor rotary speed	2800r/min
锯切高度	Cutting height	20~60mm
锯切宽度	Cutting width	Max.120mm
锯切长度	Cutting length	300~1600mm
外形尺寸	Overall dimension	1800 × 1380 × 1300mm
重量	Weight	About 200kg

塑料门窗加工设备 P45/46
UPVC processing equipment

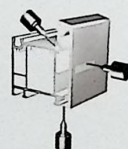
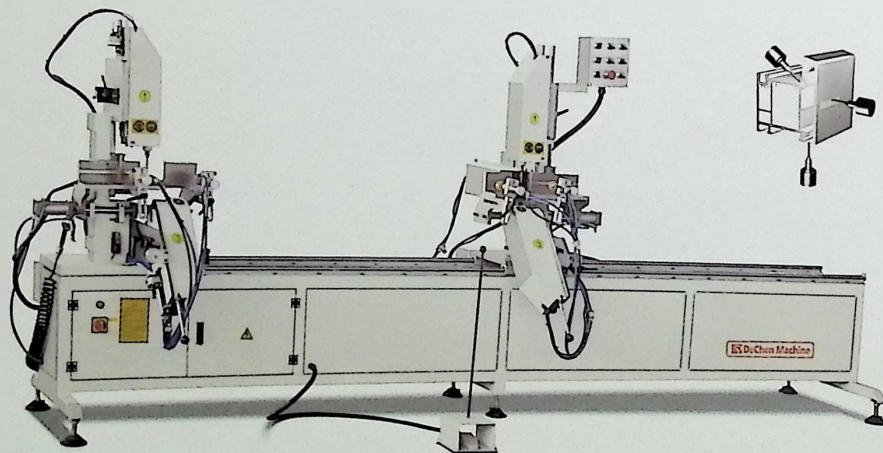
塑料型材玻璃压条锯 Glazing Bead Saw for PVC Profile



DSJBW-1800

电源	Power supply	380V/50Hz
总功率	Total power	2.2kW
工作压力	Working pressure	0.5~0.8MPa
耗气量	Air consumption	20L/min
主轴转速	Main-shaft rotary speed	2800r/min
锯切高度	Cutting height	35mm
锯切宽度	Cutting width	Max.100mm
锯切长度	Cutting length	320~1800mm
外形尺寸	Overall dimension	2500 × 1380 × 1300mm
重量	Weight	About 250kg

塑料型材双头水槽铣床 Double-head Automatic Water Slot Milling Machine

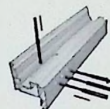
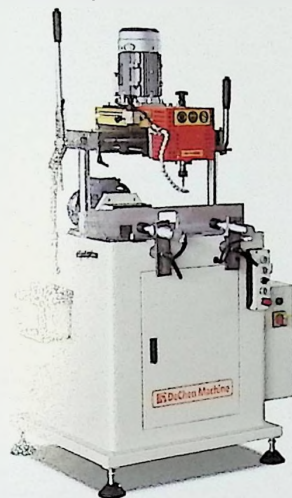


DLXCZ2

电源	Power supply	220V/50Hz
总功率	Total power	2.28kW
工作压力	Working pressure	0.5~0.8MPa
耗气量	Air consumption	9L/min
主轴转速	Main-shaft rotary speed	2500r/min
铣刀直径	Cutter diameter	Φ4 Φ5mm
铣槽深度	Slot depth	50mm
铣槽宽度	Slot width	4~5mm
铣槽长度	Slot length	30~50mm
外形尺寸	Overall dimension	4000 × 1100 × 1800mm
重量	Weight	About 700kg

铝塑型材重型钻孔仿形铣床

Drilling Copying Milling Machine for Aluminum and PVC Profile



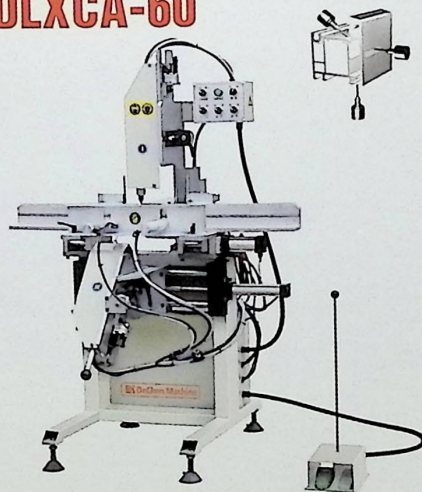
DSZSA-100

电源	Power supply	380V/50Hz
总功率	Total power	2.2kW
工作压力	Working pressure	0.5~0.8MPa
耗气量	Air consumption	15L/min
主轴转速	Motor rotary speed	12000/910r/min
三孔钻头直径	Diameter of drilling head	Φ12mm
三孔钻头中心距	Centers distance of drilling head	21.5 × 21.5mm
铣刀直径	Milling cutter diameter	Φ5、Φ8mm
仿形范围	Copy-routing range	235 × 100mm
外形尺寸	Overall dimension	870 × 700 × 1500mm
重量	Weight	About 220kg

塑料型材自动水槽铣

Water Slot Milling Machine

DLXCA-60



塑料型材封盖铣床

Cap-Seal Milling Machine

DSFX-18×20



		DLXCA-60	DSFX-18 × 20
电源	Power supply	220V/50Hz	220V/50Hz
电机功率	Motor power	1.14kW	0.75kW
工作压力	Working pressure	0.5~0.8MPa	/
耗气量	Air consumption	20L/min	/
主轴转速	Motor rotary speed	25000r/min	2800r/min
铣刀直径	Milling cutter diameter	Φ5、Φ6mm	/
铣槽深度	Milling groove depth	30mm	/
铣槽长度	Milling slot length	30~60mm	/
外形尺寸	Overall dimension	950 × 1000 × 1800mm	530 × 530 × 1100mm
重量	Weight	About 260kg	About 70kg

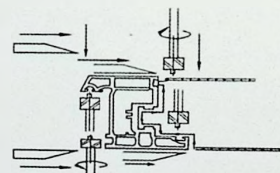


塑料门窗加工设备
uPVC processing equipment

P47/48

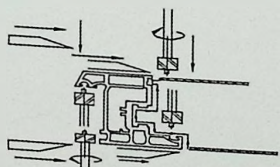
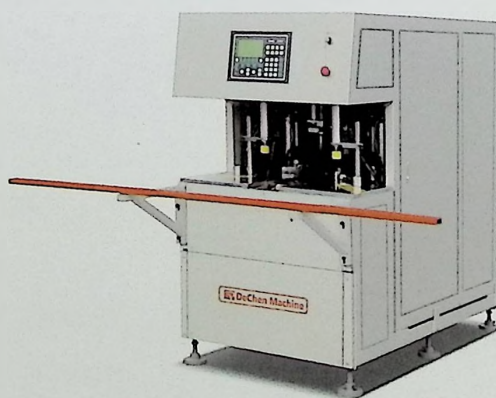
塑料门窗数控角缝清理机

CNC Corner Cleaning Machine for PVC Win-door



塑料门窗数控角缝清理

CNC Corner Cleaning Machine for PVC Win-door



DSQJA-CNC-120

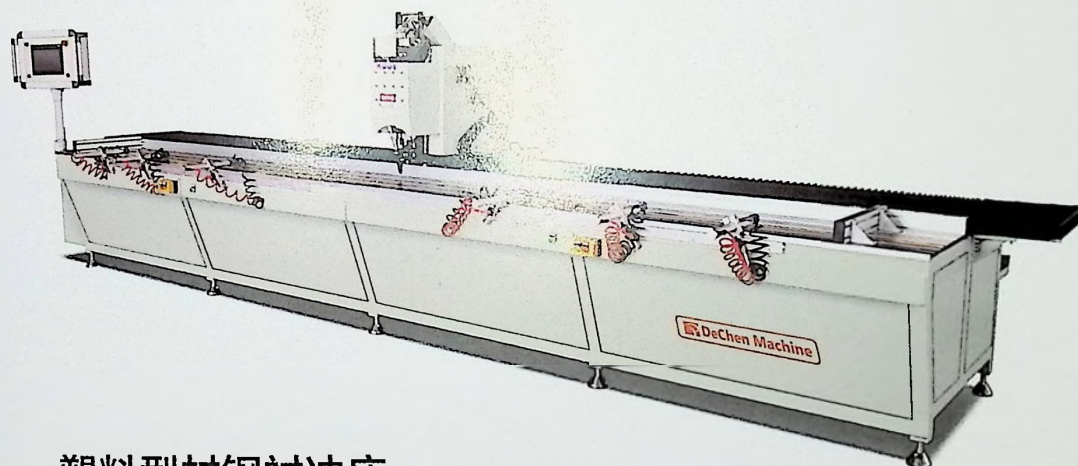
电源	Power supply	380V/50Hz
总功率	Total power	5.0kW
工作压力	Working pressure	0.5-0.8MPa
耗气量	Air consumption	60L/min
电机转速	Motor rotary speed	2800r/min
加工型材高度	Profile height	25-90mm
加工型材宽度	Profile width	20-120mm
外形尺寸	Overall dimension	1570×2670×2070mm
重量	Weight	About 650kg

DSQJ-CNC-120

电源	Power supply	380V/50Hz
总功率	Total power	3.0kW
工作压力	Working pressure	0.5-0.8MPa
耗气量	Air consumption	60L/min
电机转速	Motor rotary speed	2800r/min
加工型材高度	Profile height	30-120mm
加工型材宽度	Profile width	20-120mm
外形尺寸	Overall dimension	2000×1820×1500mm
重量	Weight	About 650kg

塑钢门窗数控螺钉紧固机 CNC Automatic Screw Fastening Machine

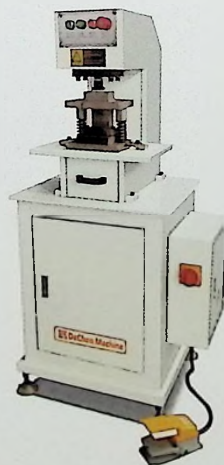
可定制：四头 / 三头 / 二头 / 单头普通机型



DSZGJ-CNC-5000

电源	Power supply	220V/50Hz
总功率	Total power	2.2kW
工作压力	Working pressure	0.5~0.8MPa
耗气量	Air consumption	100L/min
主轴转速	Speed of mainshaft	2000r/min
加工型材高度	Profile height	最大 120mm
加工钢衬厚度	Steel lining thickness	最大 2mm
螺钉长度	Screw length	13~16mm
螺钉规格	Screw specification	Φ4.2mm
外形尺寸	Overall dimension	6500 × 1150 × 1250mm
重量	Weight	About 1200kg

塑料型材钢衬冲床 Steel Lining Punching Machine for PVC Profile



DSC-50

电源	Power supply	380V/50Hz
总功率	Total power	1.5kW
公称压力	Press nominal pressure	50KN
闭合高度	Closing height	185mm
冲压行程	Punching travel	30mm
外形尺寸	Overall dimension	600 × 600 × 1420mm
重量	Weight	About 200kg

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