



海金纳[®]
Hisena

济南海金纳数控机械有限公司
JINAN HISENA CNC MACHINERY CO., LTD



海金纳
Hisena

用工匠精神、铸卓越品质

WITH THE SPIRIT OF CRAFTSMANSHIP, CASTING EXCELLENT QUALITY

海金纳机器多年赢得国内外市场的信任和认可。以优质的产品，人性化的关怀服务，让客户享受最放心、最省心的服务。

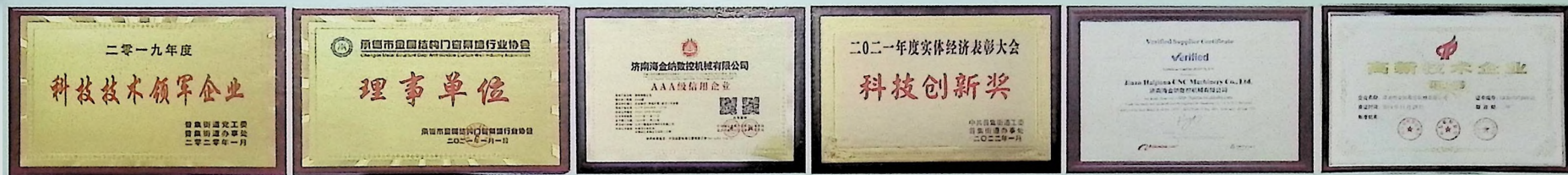


持续，严谨 的技术研发及生产制造
强化了海金纳机器的技术优势和产品核心竞争力

荣誉见证实力

Honors witness strength

海金纳坚持以客户为中心，产品质量第一、完善售后服务体系，先后通过了多项国际体系标准认证，顺利取得多项产品的国家专利证书，使我们能从产品设计、生产、材料选择等方面不断改善，始终坚持以精湛技术和质量来满足客户的需求，达到更高的质量要求。

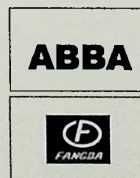
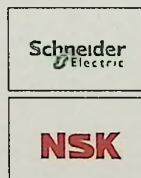
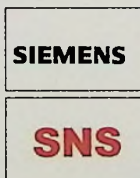
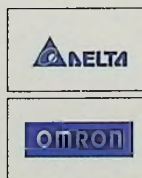


欢迎来到济南海金纳数控机械有限公司。本公司从事专业铝塑门窗及中空玻璃加工设备研发、制造及销售的企业。做优质产品、创强势品牌，内塑素质，外树形象，以其高、精、尖、专的运营模式，良好的口碑，已成为国内外同行业中的卓越品牌。

公司一直坚持“信誉赢得成功，品质创造未来”的经营理念，坚持“追求品质，创造价值”的质量方针，不断吸取国内外好技术和管理经验，不断提高企业管理水平、产品质量，实现把“最好的产品，交给客户”的经营宗旨。

海金纳愿与业界人士紧密携手，共创门窗幕墙行业的美好未来！

部分合作伙伴

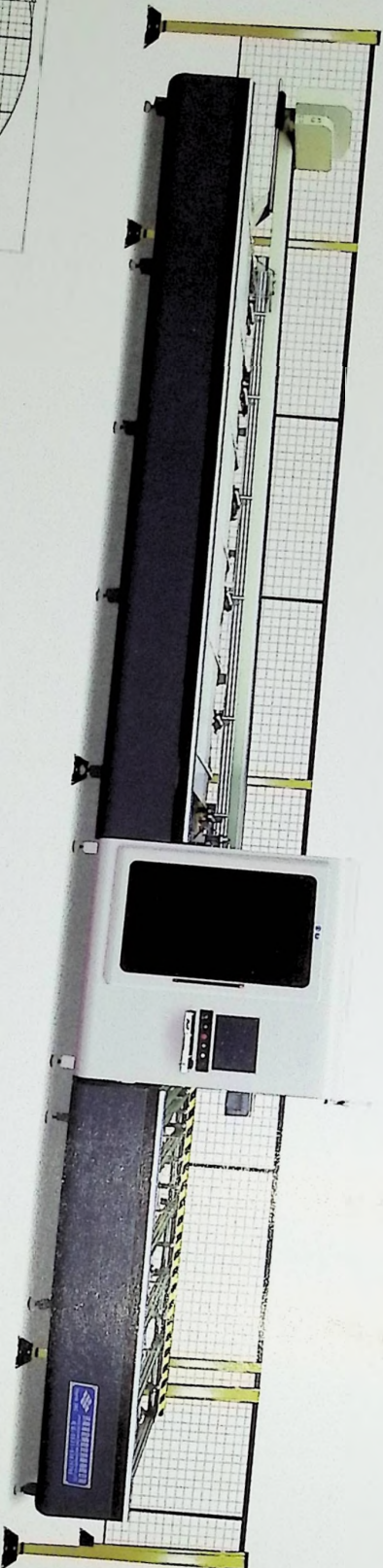




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HJN-CNC-6000 铝型材数控锯切中心

Aluminum profile CNC saw cutting center

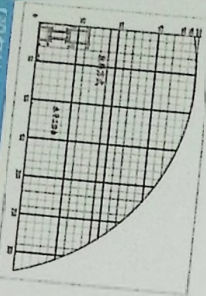


铝门窗幕墙加工设备 Aluminum window-door Machine

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【设备特点 Equipment Features】

- 采用适用于铝门窗型材的高效锯切加工，可进行型材45°或90°锯切加工。
- 自动上料工作平台可连续自动夹持型材进行精确送料。
- 移动部分均采用高精度导轨副，运行平稳，保证加工精度。
- 机械手运动采用德国伺服驱动，进口高精度齿轮齿条传动，保证送料精度。
- 进口电机直联锯片，切削平稳，加工精度高。
- 西门子控制系统，保证设备运行稳定可靠。
- 创新的锯片行程路径，有效避免了回程扫料。
- 型材完成±45°或90°切割，加工效率更高。
- 外壳全封闭设计，保证操作人员安全。
- 可选配条码打印机，实现单人上料作业。
- 可选配条码打印机，组建E-Work数字化工厂系统。



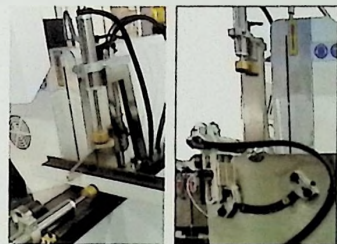
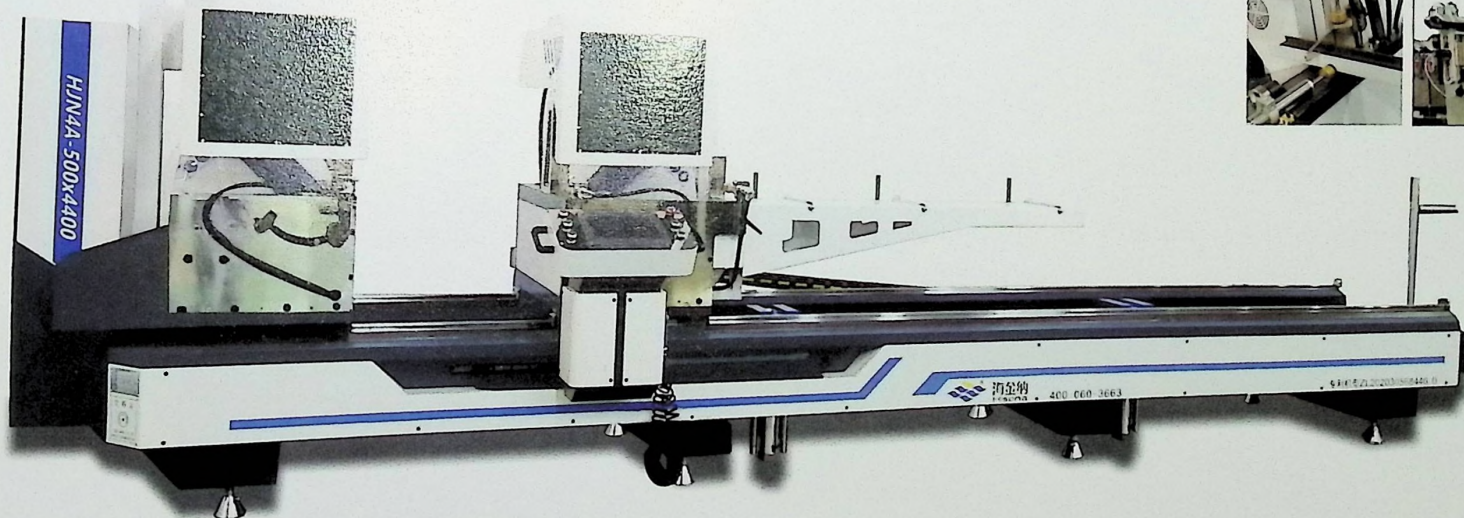
- Adopt efficient sawing processing for aluminum door and window profiles, which can be carried out Section 45° or 90° sawing processing.
- Automatic feeding table for continuous automatic clamping profiles for accurate feeding.
- The moving part adopts high precision straight guide rail pair, running smoothly and ensuring machining accuracy.
- Manipulator movement using Schneider servo drive, imported high precision gearRack drive ensures feeding accuracy.
- Imported motor directly connected saw blade, smooth cutting, high machining precision.
- Siemens control system to ensure stable and reliable operation of equipment.
- Innovative saw blade stroke path, effectively avoiding backlash sweep.
- The profile is completed 45° or 90° cutting, with higher processing efficiency.
- The enclosure is fully enclosed to ensure the safety of operators.
- Optional material lifting platform can realize single person feeding operation.
- Optional barcode printer to build e-Work digital factory system.

技术参数 Technical parameters >>

锯切电机功率：3×2.2kW	Sawing motor power: 3×2.2kW
输入电压：380V 50Hz	Input voltage: 380V 50Hz
工作压力：0.6~0.8MPa	Working pressure: 0.6~0.8MPa
锯片规格：Φ500×Φ30×4.4×120T/Φ400×Φ30×120T	Saw blade specifications: 500×Φ30×4.4×120T/Φ400×Φ30×120T
切割型材高度：20~100mm	Cutting profile height: 20~100mm
切割型材长度：6000mm	Width of cutting profile: 20~150mm
下料长度：350~5800mm	Section length: 6000mm
角度误差：±5°	Blanking length: 350~5800mm
锯切长度精度：±0.2mm	Angle error: ±5°
重复定位误差：±0.05mm	Saw length accuracy: ±0.2mm
外形尺寸：14000×5500×2000 (含防护网)	Repeat positioning error: ±0.05mm
	Overall dimension: 14000×5500×2000

HJN4A-500x1400 铝型材数控曲线高精锯

Aluminum profile CNC curve high precision saw

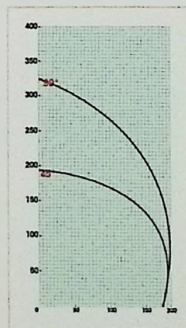


【设备特点 Equipment Features】

整机控制系统与电器均采用法国施耐德高端品牌，高精度控制，高稳定性，具有行走速度快达到26000mm/min，低噪音，曲线出锯切割速度更快，改变切割方式型材不易起毛刺，延长锯片寿命，提高铝材表面光洁度，具有超短切割249mm，超长切割8600mm，外观设计精致大方，机身主材采用8mm厚国标矩形管材，设备稳定性更高，导轨采用台湾上银30mm线轨，台湾YYC研磨齿条保证了切割长度的精密尺寸，机身自带自动托料功能方便适用，受到客户的一致好评，更合理的结构、更高的配置、专注更好的研发，您值得拥有

The whole machine control system and electrical appliances adopt the French Schneider high-end brand, high precision control, high stability, with a walking speed of up to 18000mm/min. Low noise, curve out of the saw cutting speed faster, change the cutting way profile is not easy to burr, prolong the life of the saw blade, improve the aluminum surface finish, with super short cutting 249mm, ultra long cutting 8600mm, delicate and generous appearance design, the main material of the body adopts 8mm thick national standard rectangular pipe, equipment stability is higher, guide Rail adopts Taiwan silver 30mm line rail, Taiwan YYC grinding rack to ensure the precise size of the cutting length, the body comes with automatic feeding function convenient and applicable, by To the unanimous praise of customers, more reasonable structure, higher configuration, focus on better research and development, you deserve to have

电 器：施耐德	PLC：施耐德	触摸屏：施耐德10寸大显示屏	驱动器：施耐德
伺服电机：施耐德	开关电源：施耐德	减速机：日本新宝	电磁阀：美国奥盛
主轴电机：意大利西米克	轴承：日本NSK	锯 片：金刚石500mm	



技术参数technical parameters >>

输入电源Power supply	380V 50Hz
输入功率Input power	7.0Kw
工作气压Air pressure	0.5~0.8Mpa
锯片转速Blade rotational speed	3100r/min
锯片规格Saw blade specification	D=500mm d=30mm
锯切长度Cutting length	249-8600mm
锯切角度Cutting angles	90°、45°
最大切割宽度Max cutting width	140mm
外形尺寸Outside dimension	5800×1500×1800mm

HJN3A-500x4200 铝型材数控定尺一体锯

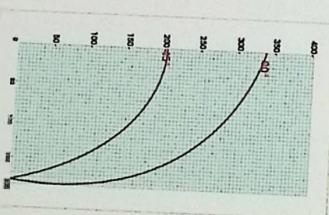
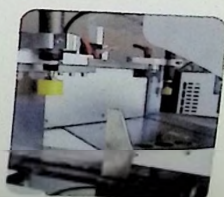
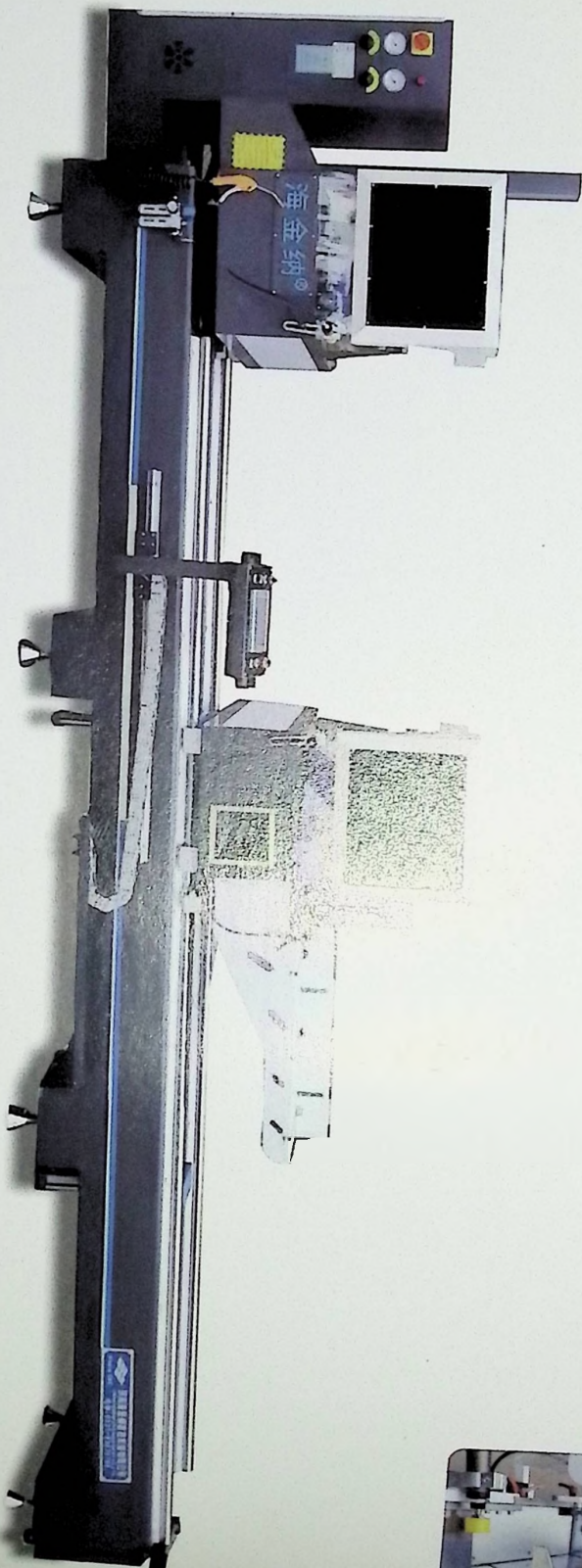
CNC saw with fixed length for aluminum profile

铝门窗幕墙加工设备 Aluminum window-door Machine

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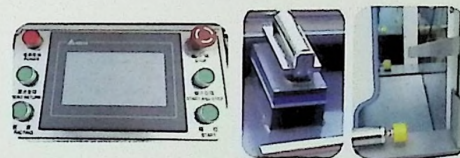
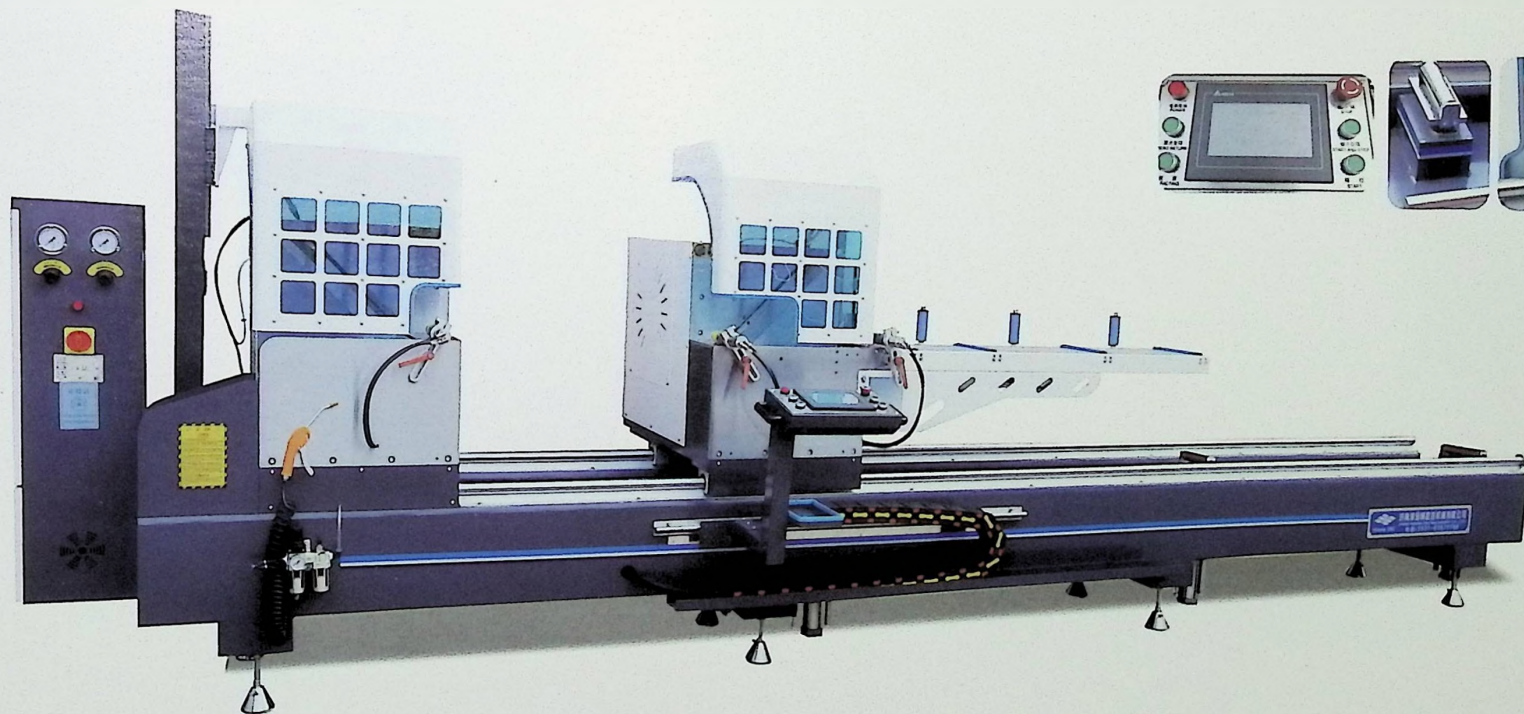
[设备特点 Equipment Features]

- 本机用于铝门窗、幕墙型材的切割下料。
 - 两锯头可以90°、45°自动转换。
 - 型材定尺采用数控定尺系统，方便读取，提高下料效率和精度。
 - 气液阻尼实现进给速度均匀，运行平稳。
 - 锯片进给系统采用进口直线导轨运动副，精度高，稳定性好。
 - 自动起落防护罩，使工作安全方便。
- This machine is used for cutting profiles of aluminum doors, windows and curtain walls.
 - Two saw head can be 90°, 45° automatic conversion.
 - Magnetic grid scale digital display system is adopted for fixed size of profile, which is convenient to read and improves cutting effect and precision. Profile size using numerical control size system, easy to read, improve the cutting effect and accuracy.
 - Gas-liquid damping realizes uniform feed speed and smooth operation.
 - Saw blade feed system adopts imported linear guide rail motion pair, high precision, stable good qualitative.
 - Automatic lifting and lowering protective cover makes work safe and convenient.



- 技术参数 Technical parameters >>
- 输入电源 Input power supply 380V 50Hz
- 输入功率 Input power 6.8Kw
- 工作压力 Air pressure 0.5~0.8Mpa
- 锯片转速 Blade rotational speed 3100r/min
- 锯片规格 Saw blade specification D=500mm d=30mm
- 锯切长度 Cutting length 380~4200mm
- 锯切角度 Cutting angles 90°、45°、
- 外形尺寸 Outside dimension 5800×1450×1700mm

HJIN4A-550x4200 铝型材数控(数显)45度专切锯(内、外45°) Aluminum CNC (display) 45 degrees designed cutting saws



【设备特点 Equipment Features】

- 本机主要用于铝合金幕墙型材、铝塑门窗型材的切割下料,
- 该机使用硬质合金锯片, 线速度和加工精度更高。
- 机床工作时, 两锯头可同时进行切割, 亦可单独切割。
- 设备只可进行45°切削加工。
- 锯片由后向前, 锯切型材更安全可靠, 锯切宽度更大。
- 本机床可根据客户需要, 增设数控系统或数显装置, 更适合铝塑门窗、铝幕墙料的大批量、高精度加工。

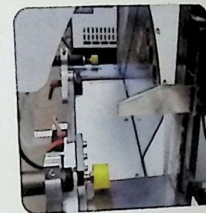
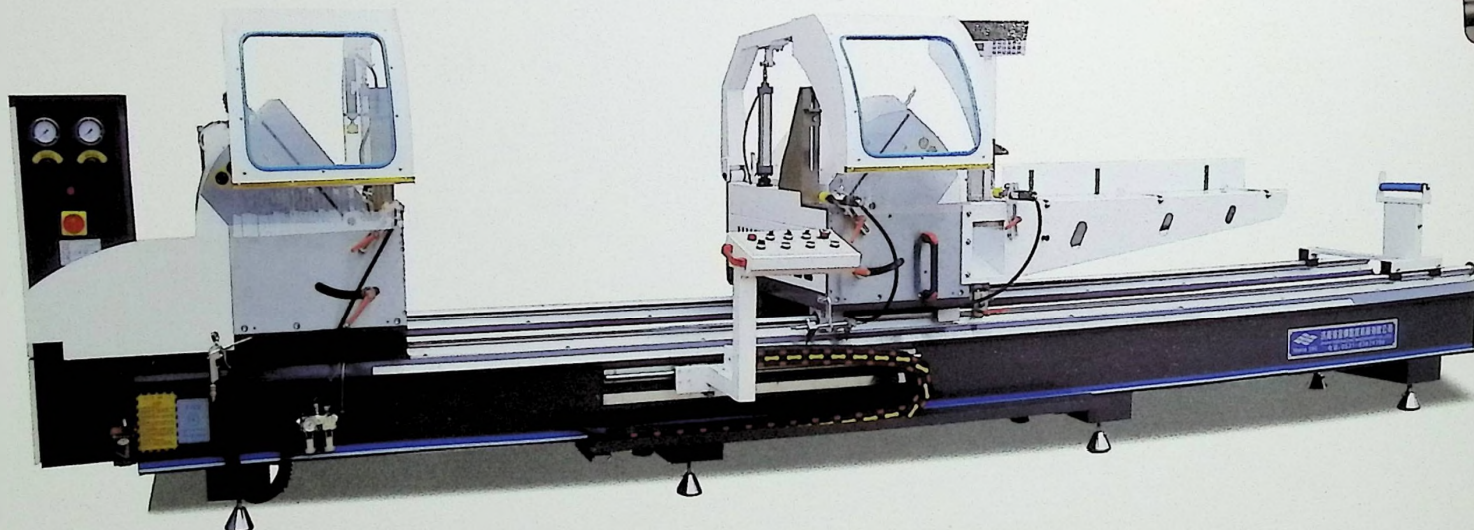
- The machine is used for 45° cutting of aluminum curtain wall profiles, aluminum and uPVC window profile.
- Equipped with carbide-tipped blades, the machine has higher liner speed and cutting accuracy.
- The two heads can work simultaneously and individually.
- Saw blades moves forward and backward, with the feature of bigger cutting width, safer and stabler running.
- To be suitable for the large-scale and high accuracy production of aluminum and uPVC windows and aluminum curtain wall,
- CNC control system and cutting length digital display can be equipped according to customer's requirement.

□ 技术参数technical parameters > >

输入电源Power supply	380V 50Hz
输入功率Input power	6.8Kw
工作气压Air pressure	0.5~0.8Mpa
锯片转速Blade rotational speed	3100r/min
锯片规格Saw blade specification	D=550mm d=30mm
锯切长度Cutting length	380~4200mm
锯切角度Cutting angles	45°
最大切割宽度Max cutting width	170mm
外形尺寸Outside dimension	5800×1750×2000mm

HJN1A-500x4200 铝型材数显重型精密切割机

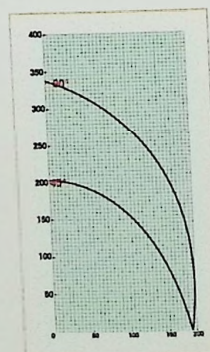
Aluminum profile digital display heavy duty precision cutting machine



【设备特点 Equipment Features】

- 本机用于铝门窗、幕墙型材的切割下料。
- 全套数显系统采用一键式操作自动检测型材高度的功能。
- 两锯头可以90°、45°自动转换，可定做67.5°(22.5°)。
- 型材定尺采用磁栅尺数显系统，方便读取，提高下料效果和精度。
- 气液阻尼实现进给速度均匀，运行平稳。
- 锯片进给系统采用进口直线导轨运动副，精度高，稳定性好。
- 自动起落防护罩，使工作安全方便。

- This machine is used for cutting profiles of aluminum doors, windows and curtain walls.
- The full set of digital display system adopts the function of automatic detection of profile height by one-key operation.
- Two saw head can be 90°, 45° automatic conversion, can be customized 67.5° (22.5°).
- Magnetic grid scale digital display system is adopted for fixed size of profile, which is convenient to read and improves cutting effect and precision.
- Gas-liquid damping realizes uniform feed speed and smooth operation.
- Saw blade feed system adopts imported linear guide rail motion pair, high precision, stable good qualitative.
- Automatic lifting and lowering protective cover makes work safe and convenient.



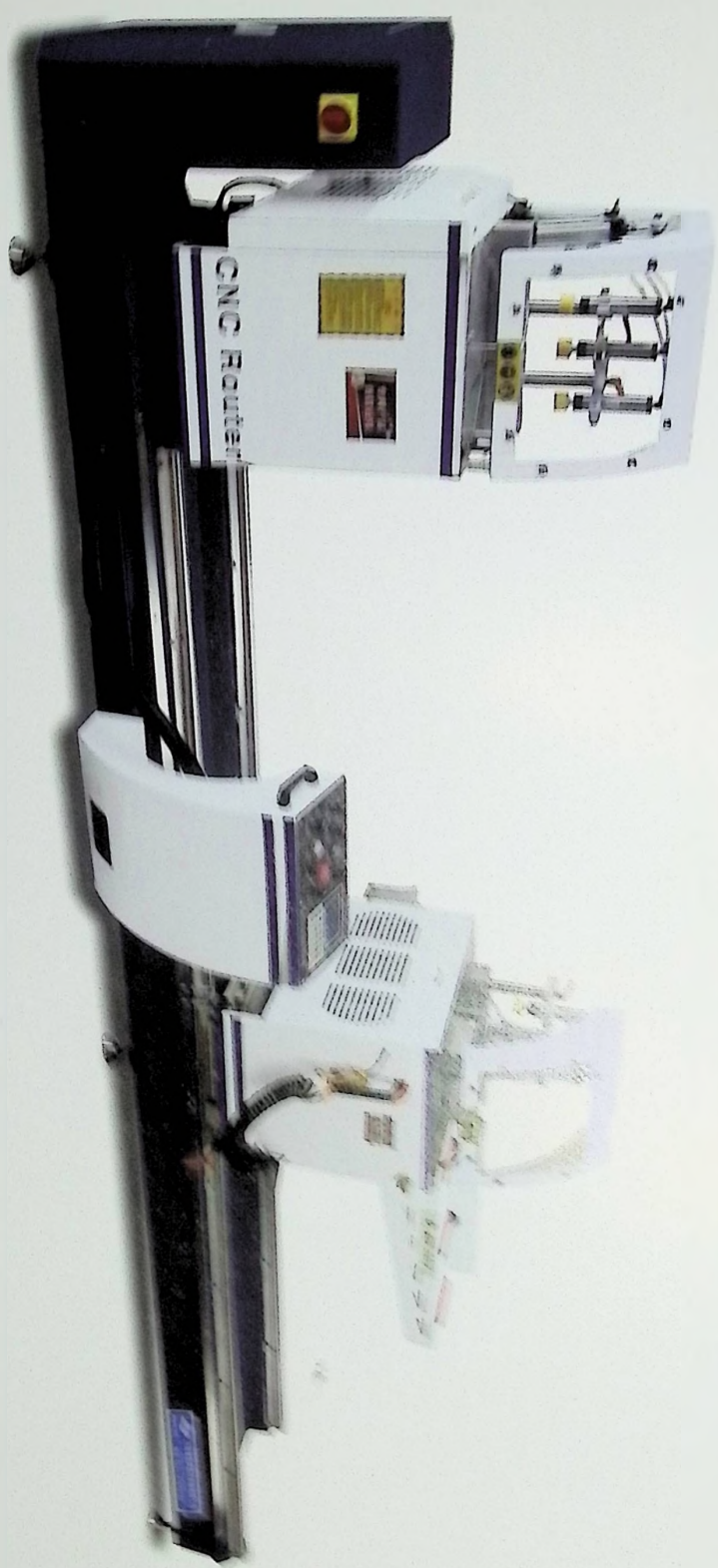
- 技术参数 technical parameters >>
- | | |
|------------------------------|------------------|
| 输入电源 Power supply | 380V 50Hz |
| 输入功率 Input power | 4.4Kw |
| 工作压力 Air pressure | 0.5~0.8Mpa |
| 锯片转速 Blade rotational speed | 3100r/min |
| 锯片规格 Saw blade specification | D=500mm d=30mm |
| 锯切长度 Cutting length | 380-4200mm |
| 锯切角度 Cutting angles | 90°, 45° |
| 外形尺寸 Outside dimension | 5800×1450×1700mm |



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HJN2-450×3600 铝型材移门锯

Aluminum profile digital display double end precision cutting saw



- 数控上置式锯切系统，原料由一次成型系统，借助力能以上置式不再需要调整。
- 数控系统，上下送料均采用系统，步进电机驱动实现，控制非常精确。
- 送料系统，送料精度高。
- 送料系统，送料精度高。
- 送料系统，送料精度高。
- 送料系统，送料精度高。

- 1. Strong magnetic pad is equipped on the board, two fan materials can be cut at one time, more than 50% of the frame materials do not need to be replaced.
- The NUMERICAL control system is a special system for self-developed moving door. The stepper motor and magnetic ruler feedback form a closed-loop control.
- Chisel electric cylinder, Chisel standard valve.
- All super flexible work.
- 450mm Gold Fengzi alloy saw blade.
- 2.2KW high torque servo motor.
- Strong square rail up and down type head saw cutting, cutting without burr smooth cutting surface.

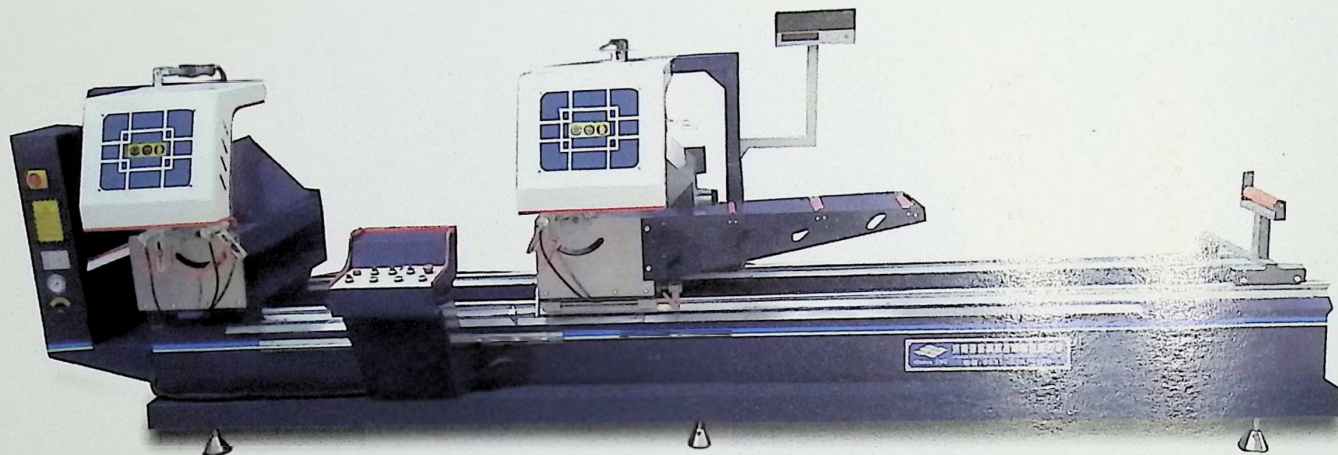
- 技术参数Technical parameters
- 输入电源Power supply 380V 50Hz
- 输入功率Input power 6.0KW
- 工作压力Air pressure 0.5~0.8Mpa
- 锯片转速Blade rotational speed 3100r/min
- 锯片长度Cutting length D=450mm d=30mm
- 锯切角度Cutting angles 42°-360°
- 外形尺寸Outside dimension 3200×1555×1700mm



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HJN1A-450×3700 铝门窗数显双头精密切割锯床

Aluminum profile double end precision cutting saw



□ 技术参数technical parameters

输入电源: 380V 50Hz
输入功率: 3.0Kw
工作气压: 0.5~0.8Mpa
锯片转速: 3087r/min
锯片规格: D=450mm d=30mm
锯切长度: 580-3700mm
锯切角度: -45°、90°、45°
外形尺寸: 5050×1250×1600mm

HJN350 蓝牙无线传输90°玻璃压条切割锯

Glass blade-cutting saw

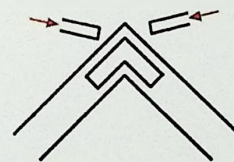
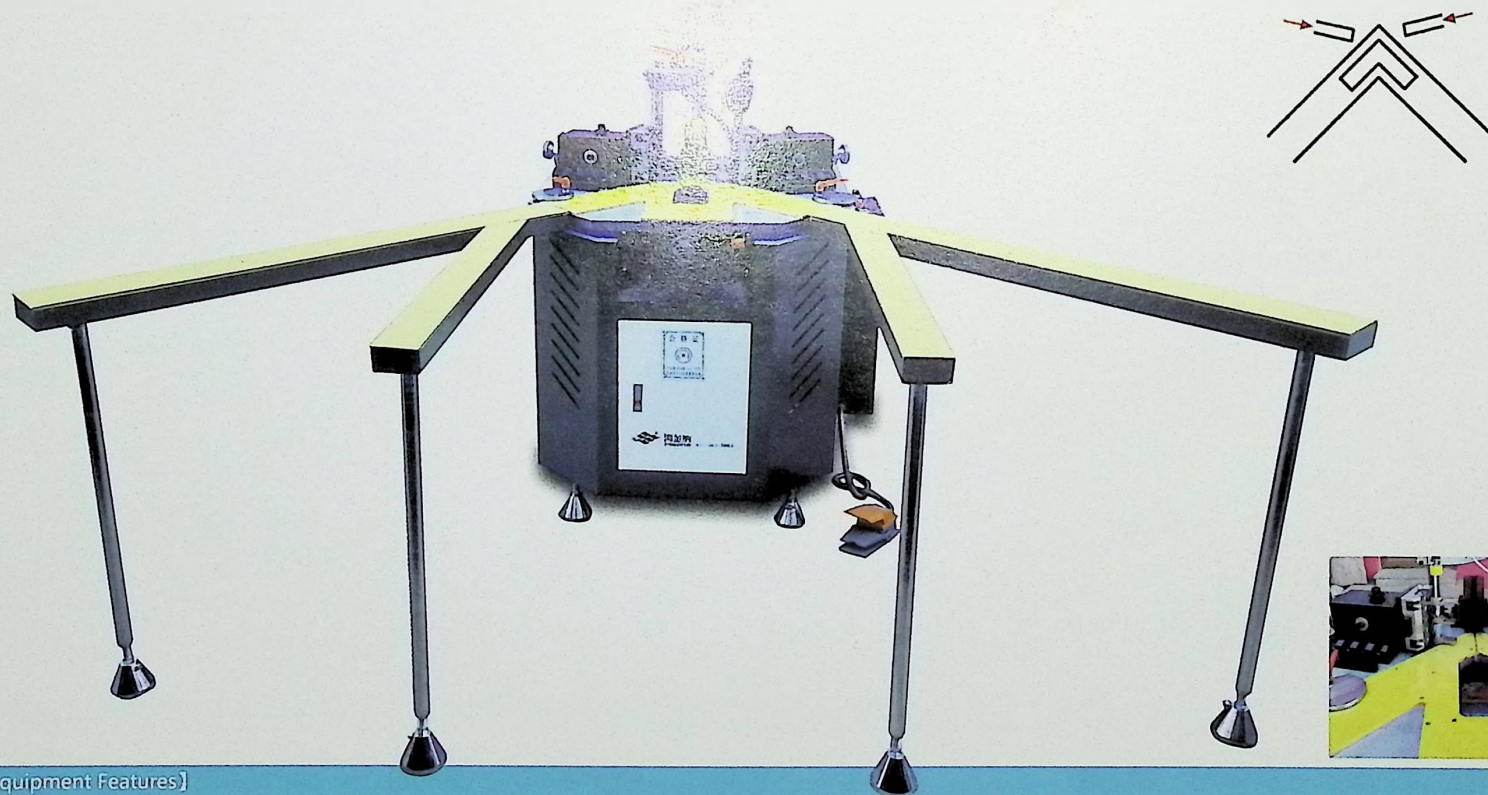


- 本机主要用于铝合金压条90°切割，一体床身更好的保证了切割精度，床身采用国标4毫米方管焊接，整机进行淬火时效处理，消除焊接应力变形。德国进口卡尺。无线传输测量数据，定尺系统采用高精度伺服电机+精密减速机+精密齿条实现快速定位。右边托料架选用加重立柱和金属传动轮。
- 可以无限存储压线长度数据，无限存储压线型号数据
- 双闭环控制，自动校正长度，磁栅尺选用德国原装进口精度0.002毫米
- 智能操作触摸屏，确定呼应式接收信号
- 整机配有2个垂直压紧气缸，1个水平压紧气缸，保证压条的精度（不会出现斜角与长短不一。）2个前后推料气缸，1个左右推料气缸。实现拿料方便。
- 本机增加7个延伸支架。增加压线输送防止斜放功能。机器所有钣金均选用镀锌板折弯焊接，喷涂表面附着力强，不会出现掉漆脱落。
- 本机选用广东天洋1.1KW主轴电机。外径350进口合金锯片，切割高度90毫米，压线最短长度185MM。
- 蓝牙无线传输卡尺标配是3000mm有效行程是2900mm。可选配一把段行程的尺子测量小窗户和扇子
- 悬臂操作箱体，更适合人体操作与方便观看传输数据，避免传输2次数据。

□ 技术参数technical parameters >>
额定输入电压/频率: 380V±10% 50Hz
总功率: 3Kw
工作气压: 0.5~0.8Mpa
最大切割高度: 155~2700mm
切割定尺长度: 8500-920-1800mm
外形尺寸: 约7000mm
总重量:

HJN-160 铝门窗高效重型组角机

Aluminum doors and Windows heavy duty high efficiency corner machine



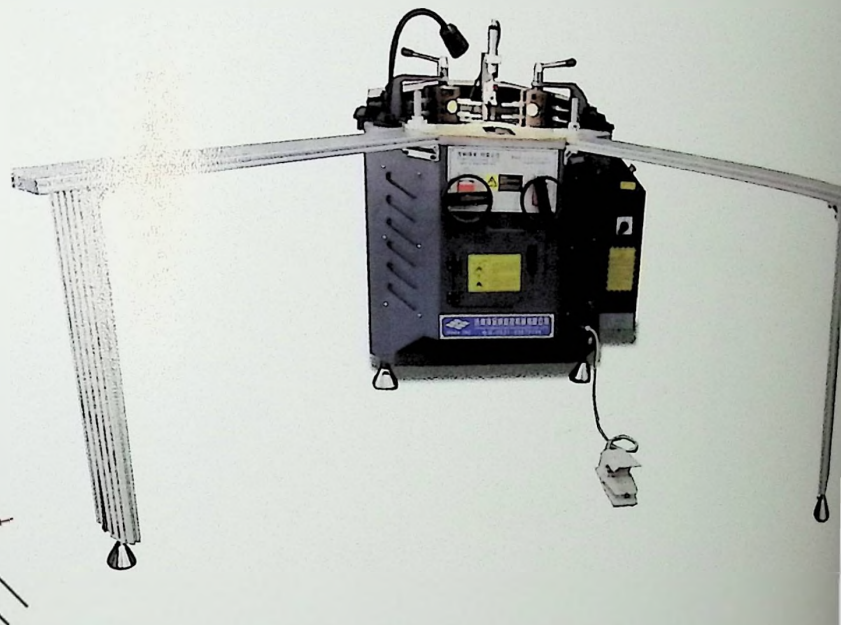
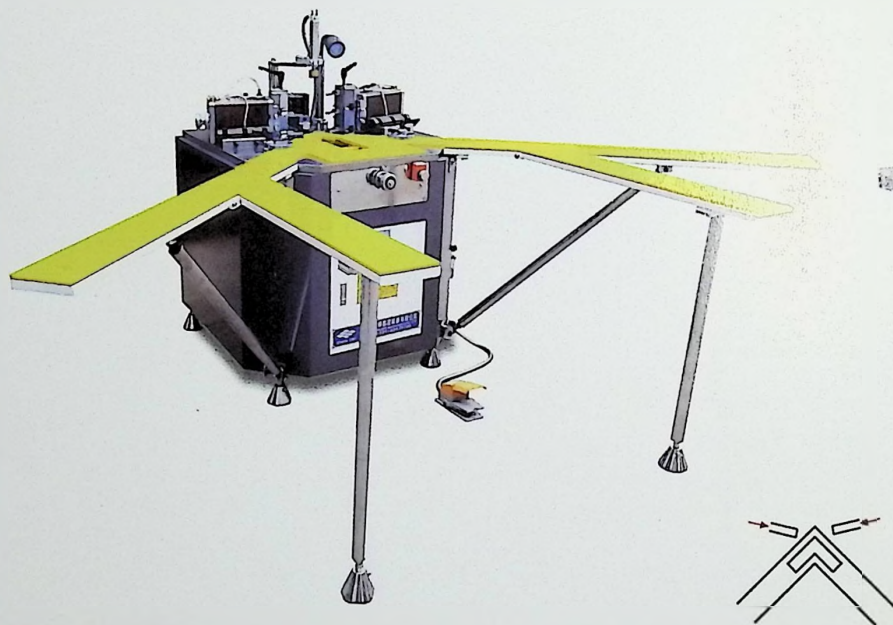
【设备特点 Equipment Features】

- 大回程，调整空间大。强磁组角刀，刀可直接吸附在刀架。
- 刀头独立可调，吃刀深度一致。同步机构，绝对保证了组角的对称。
- 压力大，4.0料厚直接穿透。
- 该机采用液压系统具有大功率、大范围与工作稳定等特点。
- 油缸杆带有刻度刀具深浅调整准确。

- Large return trip, large adjustment space. Strong magnetic Angle knife, the knife can be directly adsorbed on the tool holder.
- The knife head can be independently adjusted, and the knife depth is consistent. Synchronous mechanism, absolutely ensure the symmetry of group Angle.
- High pressure, 4.0 thickness through.
- This machine the hydraulic system to have the high power, the big scope and the work stability and so on.
- Cylinder rod with graduated tool depth adjustment accurate

□ 技术参数technical parameters > >

电机功率Input power	2.2kw
额定压力Rated oil pressure	16Mpa
型材高度Profile Height	160mm
工作气压Air Pressure	0.8Mpa
耗气量Air consumption	10L/min
油箱容积Oil tank volume	30L
组角缸行程Crimping cylinder stroke	25mm
定位油缸行程Main locating block stroke	80mm
外形尺寸Outside dimension	2300×1200×1400mm



[设备特点 Equipment Features]

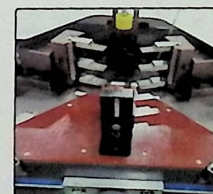
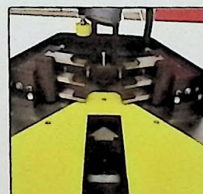
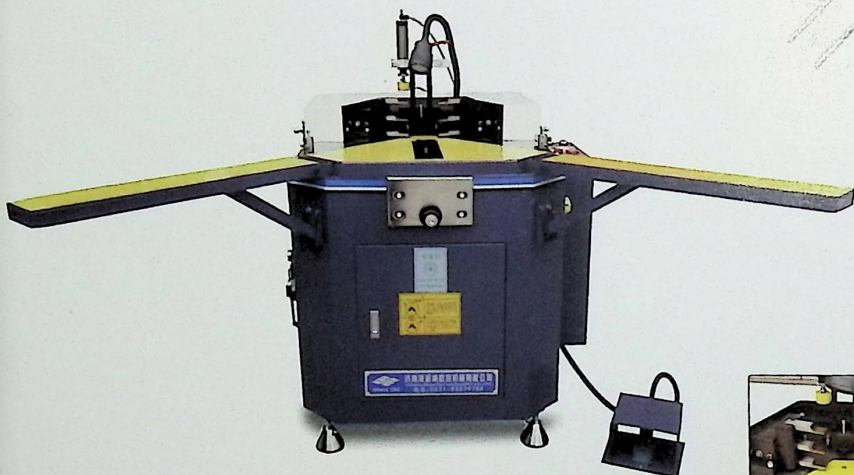
- 大回程，调整空间大。强磁组角刀，刀可直接吸附在刀架。
- 刀头独立可调，吃刀深度一致。同步机构，绝对保证了组角的对称。
- 压力大，4.0料厚直接穿透。
- 该机采用液压系统具有大功率、大范围与工作稳定等特点。
- 采用可编程控制器PLC控制。
- 油缸杆带有刻度刀具深浅调整准确。
- Large return trip, large adjustment space. Strong magnetic Angle knife, the knife can be directly adsorbed on the tool holder.
- The knife head can be independently adjusted, and the knife depth is consistent. Synchronous mechanism, absolutely ensure the symmetry of group Angle.
- High pressure, 4.0 thickness through.
- This machine the hydraulic system to have the high power, the big scope and the work stability and so on.
- PLC control is adopted.
- Cylinder rod with graduated tool depth adjustment accurate

- 换刀方式为刀架旋转换刀及锁紧，换刀速度三秒。
- 常用刀具安装好后，可长期固定使用。
- 调整方式为手轮调整，手轮配合计数器，调节精准，加工各种型材时，记住数值，加工时，调整到所需数值，就完成了位置调整。
- 定位为气动升降加电动调节。
- 机械传动结构为光轴加铜套，机械结构中应用最多的滑动结构，长时间和高负荷的工作下，磨损最小。
- The tool change method is rotating tool change and locking tool holder, tool change speed of three seconds
- After the common tool is installed, it can be fixed for long-term use.
- Adjustment mode is hand wheel adjustment, hand wheel with counter, accurate adjustment, when processing various profiles, remember the value, change profiles adjust to the desired value, the position adjustment is completed.
- Positioning for pneumatic lifting and electric adjustment.
- Mechanical transmission structure is optical shaft plus copper sleeve, the most used sliding structure in mechanical structure, long time and high load working conditions lower, wear minimum

主要规格及技术参数

Main Specification and Technical Parameter

型号 Model	输入功率 Input power	电源 Power supply	工作压力 Air pressure	耗气量 Air pressure	额定油压 Rating oil pressure	油箱容量 Capability of oil box	适应型材高度 Profile width	组角缸运动行程 Corner crimping casing movement journey	总组角压力 Corner crimping casing movement journey	组角最小框尺寸 Min frame dimension	对接误差 Connection seam error
HJN-160	2.2kw	380V/50Hz	0.5-0.8MPa	2L	15Mpa	20L	160mm	85mm	48KN	/	≤0.15mm
HJN-160A	1.5kw	380V/50Hz	0.5-0.8MPa	2L	16Mpa	20L	160mm	85mm	48KN	/	≤0.15mm



【设备特点 Equipment Features】

- 该机用于铝门窗90°的角码连接。
- 通过组角刀的调整,可实现多位组角。
- 内定位可降至工作台以下,便于取放料。
- 有液压系统提供动力,使工作平稳可靠。
- 左右冲头采用机械式同步机构使调整更简单方便。
- 操作简单、性能可靠、技术先进、易于维护保养。

- Used for 90° corner combining .
- Adjustable corner combining tool that achieve multi-position corner
- Inner locator can sit below the worktable , easy operation .
- Hydraulic system supplied large punching and riveting force .
- Left and right punching heads adopt hard synchronous feeding device .
- thus makes the connection more firmly .
- It has features of easy operation , reliable performance , advanced technique and convenient maintenance .

- 适用于角码结构型铝门窗90°角连接。
- 左右冲头采用刚性同步进给,避免组角过程的无益变形,使窗角连接更牢固。
- 动力由液压系统控制,使工作平稳可靠。

- Applied to structural Angle yards aluminum doors and Windows 90° Angle of connection.
- The left and right punch adopts rigid synchronous feed to avoid useless deformation in the process of forming Angle and make the connection of window Angle more firm.
- The power is controlled by the hydraulic system, which makes the work stable and reliable.

主要规格及技术参数

Main Specification and Technical Parameter

型号 model	输入功率 Input power	电源 Power supply	工作压力 Air pressure	耗气量 Air pressure	额定油压 Rating oil pressure	油箱容量 Capability of oil box	适应型材高度 Profile width	组角缸运动行程 Corner crimping casing movement journey	总组角压力 Corner crimping casing movement journey	组角最小框尺寸 Min frame dimension	对接缝隙误差 Connection seam error
HJN-120A	2.2kw	380V/50Hz	0.5-0.8MPa	2L	15Mpa	20L	120mm	85mm	48KN	/	≤0.15mm
HJN-120	1.5kw	380V/50Hz	0.5-0.8MPa	2L	16Mpa	20L	120mm	85mm	48KN	/	≤0.15mm



海金纳
Hisena

HJNDB5-CNC-250 铝型材五轴数控端面铣床

Five axis CNC end milling machine

铝门窗幕墙加工设备 Aluminum window-door Machine

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【设备特点 Equipment Features】

- 采用适用于铝门窗型材的高效锯切加工，可进行型材45°或90°锯切加工。
- 用于铝型材端面的铣削加工，一次铣削多根型材，效率高。
- 刀具可做上下、左右调整以适应不同形状尺寸的加工。
- 可调刀具使加工不同型材时，不必订制刀具，从而缩短生产准备周期和降低成本。
- 刀具直径大，切割速度高，加工面质量好。
- 电路系统中安装了电机相序保护器，提高了系统的安全性。
- 工进系统采用伺服进给装置，平稳可靠。
- Used for milling the aluminum mullion / transom and reinforced mullion.
- Large capacity milling, multi-pieces profile milling in one cycle.
- Universal milling blades can be adjusted in up/down, left/right directions and not made extra, which fits for different processing requirement and ensures the efficient working.
- Can work for the reinforced mullion in one cutting/milling cycle.
- Large tools with high and stable milling speed guarantee the working quality.

□ 技术参数technical parameters >>

输入电源Power supply	380V 50Hz
输入功率Input power	5.5Kw
工作压力Air pressure	0.5~0.8Mpa
耗气量 Air consumption	150L/min
电机转速Motor rotational speed	2800r/min
主轴直径Main shaft diameter	φ32mm
铣刀直径Milling cutter diameter	φ300mm
外形尺寸Outside dimension	2500×1700×2000mm

HJNDB3-CNC-300 铝型材三轴数控端面铣床

Three axis CNC end milling machine

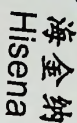


【设备特点 Equipment Features】

- 本机用于铝型材加强中挺断面的加工，以适应不同截面型材的配合。
- 刀具移动采用直线方轨运动副，高精度滚珠丝杠带动，以保证铣刀的稳定性与精度，进刀速度可调，快速退刀。精度高。
- 本机采用plc数控编程系统。可自行设置刀具的进退刀尺寸，上下偏移尺寸及铣销长度。
- 定位准确，操作简单。解决了用户对于不同类型的型材反复对刀的困难，对于不同的型材需频繁做刀的繁琐工艺。
- 本机可一次编程永久存储，提高了生产效率与铣销精度。
- This machine is used for the processing of aluminum profile strengthening and sticking section, so as to adapt to the cooperation of different section profiles.
- The tool movement adopts linear square rail motion pair, high precision ball screw drive, to ensure the stability and accuracy of the milling cutter, feeding speed is adjustable, fast tool back. High precision.
- This machine adopts PLC numerical control programming system. It can set the size of the cutting tool, the size of the upper and lower offset and the length of the milling pin.
- Accurate positioning, simple operation. To solve the user for different types of profiles repeatedly knife difficulty, for different profiles need to frequently do the tedious process of knife.
- This machine can be programmed for permanent storage, improve production efficiency and milling accuracy.

□ 技术参数technical parameters > >

工作电压 Working voltage	380V50Hz
主轴电机功率High spindle motor power 高特威主轴	3Kw
副电机功率Auxiliary motor power X 12nm YZ	6.5nm
工作气压 Working pressure	0.6-0.8Mpa
主电机转速Main motor speed	3000rpm
铣刀直径 Milling cutter diameter	Φ300
铣销深度 Milling depth of	80mm
工作台尺寸 Table size	510X
可夹持型材高度 Clamping profile height	40-200mm
外形尺寸 Overall dimensions	1600X1700X1300mm

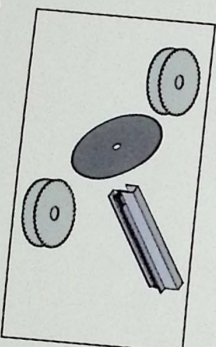


HJN-250-5A 铝型材端面铣床 (丝杠五刀)



【设备特点 Equipment Features】

- 用于光伏组件铝边框型材端面加工，以适应不同端面型材的配合。
- 一次铣削多根型材，效率高。
- 四组电机五把刀具可作上下、左右调速以适应不同形状尺寸的加工。
- 可调的刀具使加工不同型材时，不必订制刀具，从而缩短生产准备，周期和降低成本。
- 刀具直径大，切削速度高，加工面质量好。
- 当用于 photo voltaic modules aluminum frame profiles and processing, so as to adapt to different transverse profile.
- 比传统的铣床加工效率高。
- 一次铣削多根型材，效率高。
- 四组电机五把刀具可作上下、左右调速以适应不同形状尺寸的加工。
- 可调的刀具使加工不同型材时，不必订制刀具，从而缩短生产准备，周期和降低成本。
- 刀具直径大，切削速度高，加工面质量好。
- 当用于 photo voltaic modules aluminum frame profiles and processing, so as to adapt to different transverse profile.
- 比传统的铣床加工效率高。



□ 技术参数 technical parameters >>

输入功率	Input power	380V 50Hz
工作压力	Air pressure	8.8Kw
耗气量	Air consumption	0.5~0.8Mpa
电机转速	Motor rotational speed	150L/min
主轴直径	Main shaft diameter	2800r/min
铣刀直径	Milling cutter diameter	φ32mm
外形尺寸	Outside dimension	φ250mm
		2900×980×1500

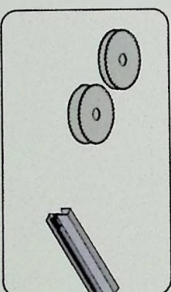
HJN-200 铝型材高效端面铣床

Aluminium profile end milling machine



【设备特点(Equipment Features)】

- 用于铝型材端面的铣削加工，一次铣削多根型材，效率高;
- 刀具可做上下，前后调整以适应不同形状尺寸的加工;
- 可换刀具(加工不同型材时)，不必订制刀具，从而降低生产成本;
- 工进系统采用气液阻尼装置，平稳可靠。
- Used for aluminum profile end face milling, one milling multiple profiles, high efficiency;
- Cutting tools can be made up and down, left and right to adapt to different shapes and sizes of processing;
- Adjustable cutting tool to make the processing of different profiles. No need to customize tools, thus reducing production lead time and cost;
- The cutter diameter is up to, the cutting speed is high, the machining surface quality is good;
- The working system adopts gas-liquid damping device. Smooth and reliable.



▣ 技术参数(technical parameters) >>

输入电源Input power supply	380V 50Hz
输入功率Input power	4.4Kw
工作压力Air pressure	0.5~0.8Mpa
耗气量Air consumption	150L/min
电机转速Motor rotational speed	2800r/min
主轴直径Main shaft diameter	φ32mm
铣刀直径Milling cutter diameter	φ200、φ160mm
外形尺寸Outside dimension	1950×1010×1600mm

LXD06 框扇齐平端面铣(走料型)

Flush end face milling sash (materials)

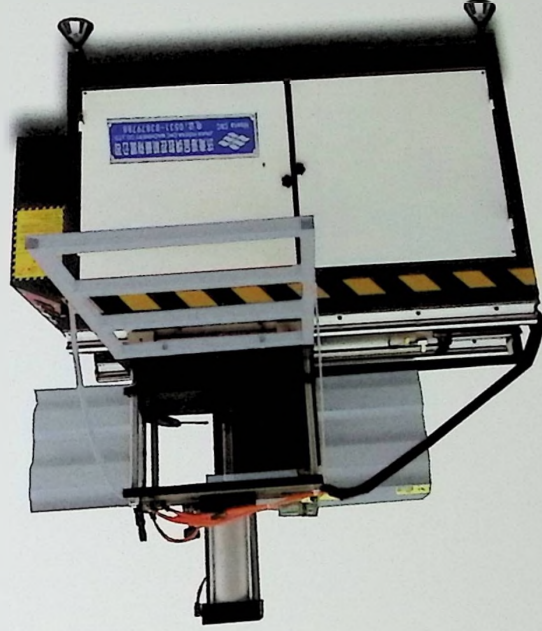


锯片电机功率	Saw blade motor power	2.2kw
铣刀电机功率	Milling cutter motor power	3.0kw
锯片电机转速	Saw blade motor speed	2800rpm
铣刀电机转速	Milling cutter motor speed	2800rpm
锯片尺寸	Saw blade size	305×25.4×3.0×120T
工作台有效宽度	Effective width of table	125×215mm
工作压力	Working pressure	0.6-0.8Mpa
工作电压	Working voltage	380V 50Hz
锯片进给速度	Saw blade feed speed	可调
外形尺寸	Overall dimensions	1300×800×1400mm
设备重量	The weight of the device is	200kg

[技术参数 Technical parameters]

LXD05 框扇齐平端面铣(旋转型)

Flush end face milling sash (rotation)



锯片电机功率	Saw blade motor power	2.2kw
铣刀电机功率	Milling cutter motor power	3.0kw
锯片电机转速	Saw blade motor speed	2800rpm
铣刀电机转速	Milling cutter motor speed	2800rpm
锯片尺寸	Saw blade size	305×25.4×3.0×120T
工作台有效宽度	Effective width of table	125×215mm
工作压力	Working pressure	0.6-0.8Mpa
工作电压	Working voltage	380V 50Hz
锯片进给速度	Saw blade feed speed	可调
外形尺寸	Overall dimensions	1300×800×1400mm
设备重量	The weight of the device is	200kg

[技术参数 Technical parameters]



海金纳 Hisena

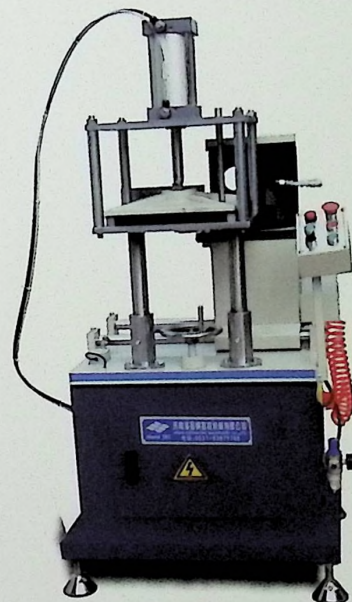
LXD04-200 铝塑型材端面铣床

Aluminium profile end milling machine



LXD03-200 铝塑型材端面铣床

Aluminium profile end milling machine



设备特点 (Equipment Features)

- 不同的刀具可加工出台阶面、长方形槽及榫头等不同结构。
- 工作台上、下可调，调刀方便。
- 可同时多根型材同时加工，根据型材定制刀具。
- 刀具进给采用直线轴承运动副，使工作性能稳定。
- 加工端面粗糙度：Ra12.5μm
- Different tools can be processed out of step surface, rectangular tank and assembled from different structures.
- Table, under the adjustable, easy knife adjustment.
- Dorgan profiles while simultaneously processing
- Cutter feed linear bearing motion pair, so that stable performance.
- Processing face roughness: Ra12.5μm

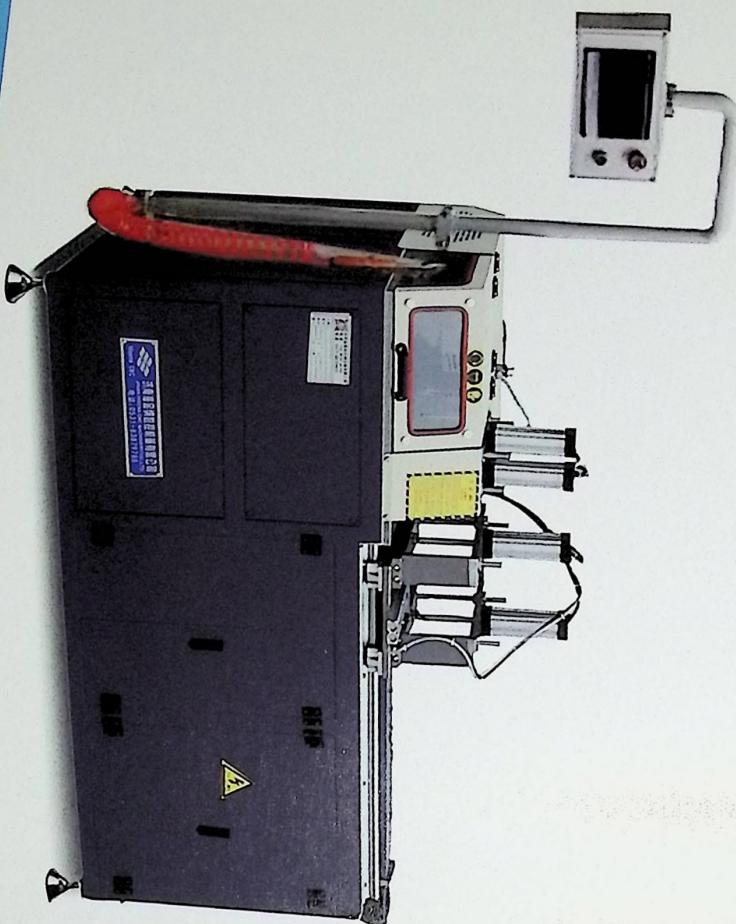
- 不同的刀具可加工出台阶面、长方形槽及榫头等不同结构。
- 工作台定位板的转角(55° ~ 55°)，还可实现型材在相应角度内的斜面铣削。
- 工作台上、下可调，调刀方便。
- 刀具进给采用直线轴承运动副，使工作性能稳定。
- 加工端面粗糙度：Ra12.5μm
- Different cutters can be used in processing of stepped surface, rectangle groove.
- It can complete the bevel milling and cutting of profiles in responding angle through changing the corner of position board of worktable (55° ~ 55°).
- Conven tool setting due to adjustable motor.
- Tool feeding adopted linear bearing motion pair, which ensured steady processing.
- Processing roughness: Ra12.5μm

技术参数technical parameters >

输入电源Power supply	380V 50Hz
输入功率Input power	1.5/2.2Kw
工作压力Air pressure	0.5~0.8Mpa
耗气量Air consumption	80L/min
电机转速Motor rotational speed	2800r/min
主轴直径Main shaft diameter	φ32mm
铣刀直径Milling cutter diameter	φ110~200mm
外形尺寸Outside dimension	750×850×1500mm

HJN-CNC-500A 铝门窗数控排料角码锯

Aluminum Windows and doors CNC corner cutting saws



铝门窗幕墙加工设备 Aluminum window-door Machine

【设备特点 Equipment Features】

- 本机适用于加强筋及端板的全自动送料锯切，锯片使用寿命长。
- 移动部分采用高精度直线导轨，运行平稳，保证加工精度。
- 具有数控自动定位，工件卡紧功能。
- 送料机构采用伺服电机带动高精度滚珠丝杠，实现精确可循环的全自动送料。
- 随锯片移动的消音冷却系统，有效提高使用寿命。
- 电气控制部分采用24V 安全电压控制，性能稳定，操作安全。
- 完整的安全保护设施（防止料头飞溅和锯屑飞溅）、报警、保护措施以防止误操作或意外事故。

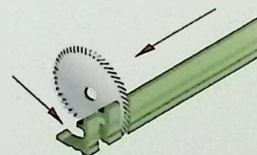
- The machine is suitable for automatic feeding saw cutting of reinforcing bars and end plates, the saw blade is hard closed Gold saw blade, long service life.
- The moving part adopts high precision linear guide rail, which runs stably and ensures the machining accuracy.
- It has the function of NC automatic positioning and workpiece clamping.
- Feeding mechanism adopts servo motor to drive high precision ball screw to realize accurate circulation automatic feeding.
- Lubricating and cooling system that moves with the saw blade can effectively improve the service life.
- Electrical control part adopts 24V safe voltage control, stable performance, safe operation.
- Complete safety protection facilities (prevent splashing of material head and sawdust), alarm and protection risk measures to protect against misoperation or accidents.

□ 技术参数technical parameters >>

输入电源Input power supply	380V 50Hz
输入功率Input power	3.0KW
工作压力Air pressure	0.4--0.6Mpa
锯片转速Blade rotational speed	3100r/min
锯片规格Saw blade specification	D=500/450mm d=30mm
锯切长度Cutting length	3-100mm
锯切宽度Cutting width	135×200mm
外形尺寸Outside dimension	1950×1750×1500mm

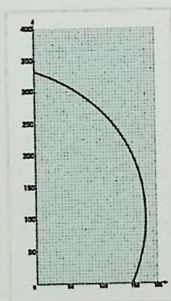
LJZZ-100 铝门窗全自动角码切割锯

Aluminum door and window automatic corner cutting saws



【设备特点 Equipment Features】

- 该机主要用于铝门窗角码型材的下料。
- 由PLC实现自动送料，稳定高效，适合大批量生产。
- 自动记数系统，可记录切割个数，方便批量下料。
- 进口硬质合金锯片，加工精度高，耐用度高。
- 该机操作简单、性能可靠、技术先进、易于维护保养。
- Used for connector of aluminum profile cutting
- Automatic feeding system controlled by PLC, result high efficiency
- Recording system record the number that already cut.
- Imported carbide saw blade gives accurate processing, and high durability
- It has features of high automation, reliability and efficiency.



□ 技术参数technical parameters >>

输入电源Power supply	380V 50Hz
输入功率Input power	2.2Kw
工作气压Air pressure	0.4~0.6Mpa
锯片转速Blade rotational speed	3100r/min
锯片规格Saw blade specification	D=450mm d=30mm
锯切长度Cutting length	3-100mm
锯切宽度Cutting width×height	135×200mm
外形尺寸Outside dimension	1300×1400×1700mm



海金纳 Hisena

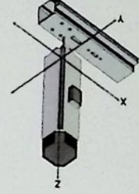
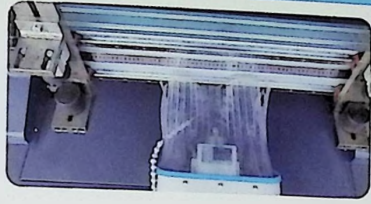
HJN-CNC-6000 铝型材数控钻铣床

CNC drilling and milling machine for aluminum profiles



HJN-CNC-1200 铝型材数控钻铣床

CNC drilling and milling machine for aluminum profiles



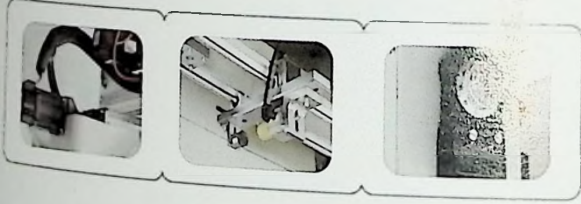
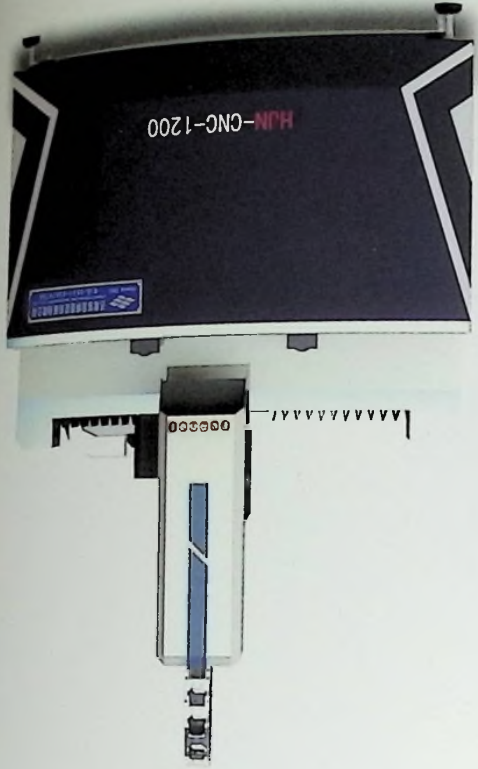
【设备特点 Equipment Features】

- 适合铝合金型材的各类型孔、槽的铣削加工。
- 采用高精度直线导轨、滚柱丝杠、齿轮滚珠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。
- 可翻转工作台，一次安装可完成三个面的钻铣工作。
- 采用进口高速电主轴，转动稳定，噪音小、切削能力强。
- 智能的数控系统和简洁直观的人机界面使操作更加方便快捷。

主要规格及技术参数

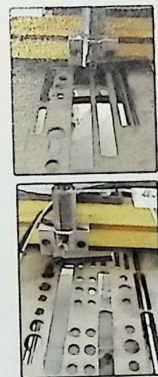
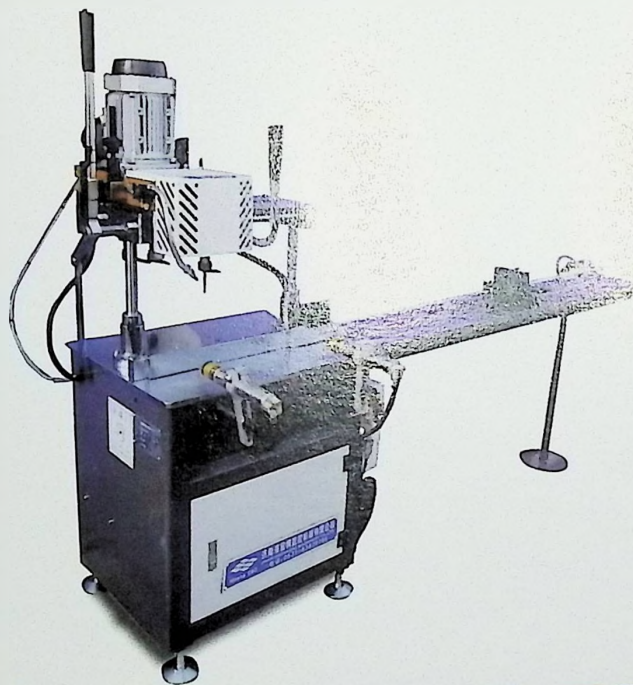
Main Specification and Technical Parameter

电 源	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz
气 压	0.5-0.8MPa	0.5-0.8MPa	0.5-0.8MPa	0.5-0.8MPa	0.5-0.8MPa	0.5-0.8MPa	0.5-0.8MPa	0.5-0.8MPa	0.5-0.8MPa
刀 具 夹 紧 力	1650N	1650N	1650N	1650N	1650N	1650N	1650N	1650N	1650N
刀 具 夹 紧 长 度	165mm	165mm	165mm	165mm	165mm	165mm	165mm	165mm	165mm
钻 孔 行 程 (Z 轴)	420mm	420mm	420mm	420mm	420mm	420mm	420mm	420mm	420mm
铣 削 行 程 (X 轴)	6000mm	6000mm	6000mm	6000mm	6000mm	6000mm	6000mm	6000mm	6000mm
铣 削 行 程 (Y 轴)	2700mm	2700mm	2700mm	2700mm	2700mm	2700mm	2700mm	2700mm	2700mm
垂直行程 (Z 轴)	420mm	420mm	420mm	420mm	420mm	420mm	420mm	420mm	420mm
刀 具 夹 紧	刀夹头	刀夹头	刀夹头	刀夹头	刀夹头	刀夹头	刀夹头	刀夹头	刀夹头
刀 具 工 位	2/50mm	2/50mm	2/50mm	2/50mm	2/50mm	2/50mm	2/50mm	2/50mm	2/50mm
主 轴 转 速	1800r/min	1800r/min	1800r/min	1800r/min	1800r/min	1800r/min	1800r/min	1800r/min	1800r/min
主 轴 转 矩	≤2400r/min	≤2400r/min	≤2400r/min	≤2400r/min	≤2400r/min	≤2400r/min	≤2400r/min	≤2400r/min	≤2400r/min
主 轴 功 率	≤2400r/min	≤2400r/min	≤2400r/min	≤2400r/min	≤2400r/min	≤2400r/min	≤2400r/min	≤2400r/min	≤2400r/min
主 轴 功 率	≤2400r/min	≤2400r/min	≤2400r/min	≤2400r/min	≤2400r/min	≤2400r/min	≤2400r/min	≤2400r/min	≤2400r/min



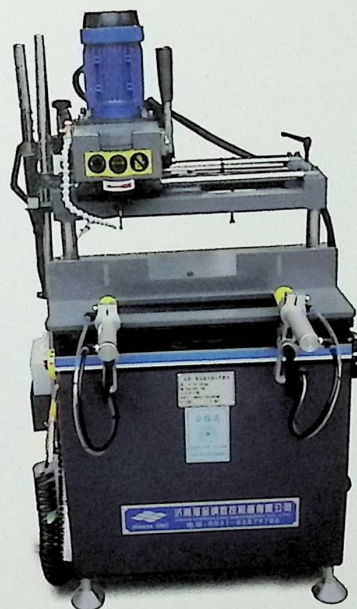
HJN-370×125 铝门窗高效自锁仿形铣

Aluminum doors and Windows composite profile milling



HJN-90×290 铝门窗自锁仿形铣床

High-speed Single-head Copy-routing Machine



【设备特点 Equipment Features】

- 可用于加工铝门窗或幕墙各类型孔槽流水孔等。
- 本机结构简单造型美观。
- 型材夹紧和电机启动均采用气动控制 安全可靠。
- 靠模调整简单更换方便。
- 使用功率变频电主轴 适用范围广,可实现连续加工,生产效率高 操作简单安全。

- Can be used to process aluminum doors and Windows or curtain wall of different types of holes.
- The native structure is simple and beautiful.
- Both profile clamping and motor actuator are pneumatic and reliable
- It is easy to adjust the adjustment of the mould.
- The main shaft of power converter is widely available, which can be continuously processed, high efficiency and simple and safe operation.

- 本机用于铝塑门窗的排水槽、滑轮孔、锁孔、五金件孔槽的铣削加工,整体采用1.1千瓦大功率电机,动力强劲。该机主轴配有上下两组滚珠轴承,转速平稳,采用皮带增速,进行高速铣削。设备可根据客户实际需要定做仿形模板,以满足不同门窗五金件安装孔槽的需求;气动水平夹紧,型材夹装方便。

- The machine is used for the copy-routing of water slots, pulley holes, lock holes and other hardware holes of aluminum and uPVC doors & windows. Equipped with a 1.1kw motor and top-bottom roller bearings, the machine has the advantage of strong power and running stability. Belt acceleration, high speed milling. Special copy-routing template can be made to order, so as to meet different hardware assembly hole's processing requirement. Horizontal pneumatic clamping, easy to load and unload profiles.

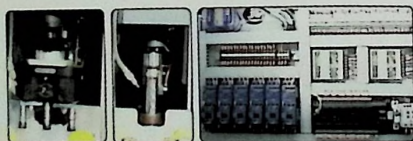
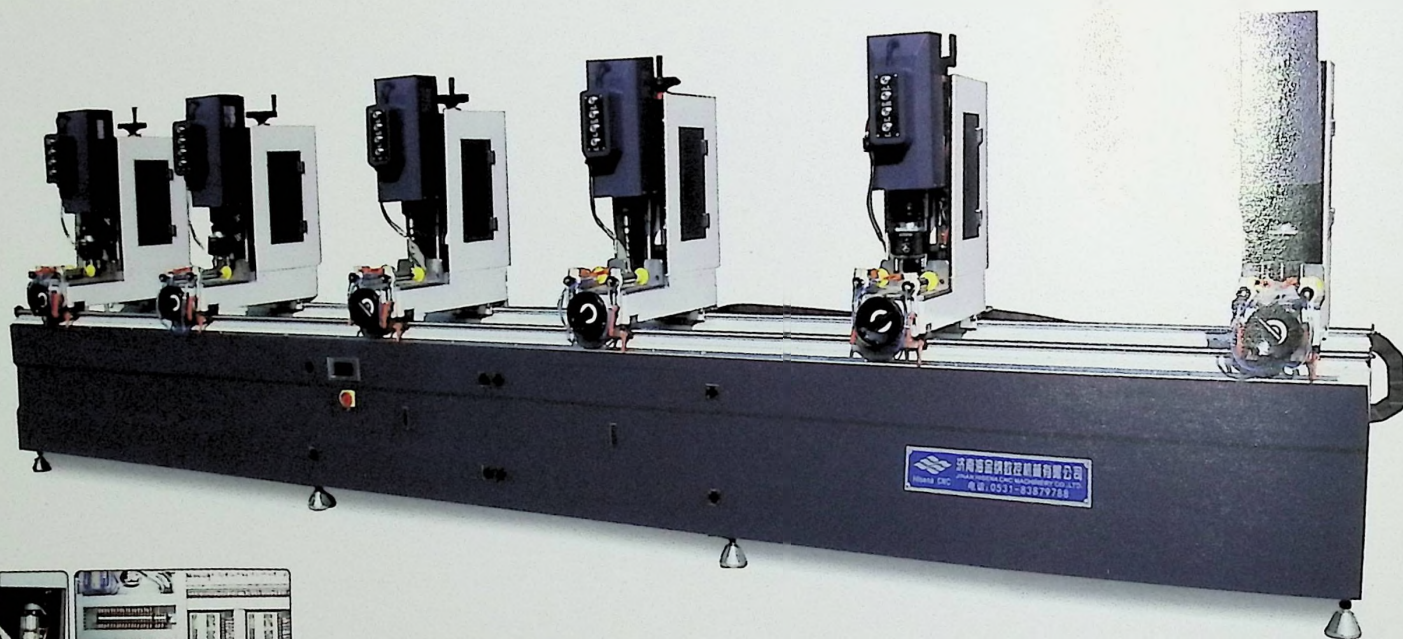
主要规格及技术参数

Main Specification and Technical Parameter

输入功率 Input power	电源 Power supply	工作压力 Air pressure	转速 Speed	铣刀主轴直径 Diameter of milling cutter	调整行程 Adjust the schedule	可装铣刀高度 Height of milling cutter	铣刀直径 Milling cutter diameter	仿型范围 Range profile	外形尺寸 Overall dimension
1.5kw	380V/50Hz	0.5-0.8MPa	12000r/min	Φ32	0-80mm	70mm	Φ5/ Φ8	270-115mm	670×700×1500
1.1kw	380V/50Hz	0.5-0.8MPa	12000r/min	Φ32	0-80mm	70mm	Φ5/ Φ8	230-100mm	750×550×1600

HJN-6-13 铝型材多头组合钻床

Aluminium profile multi-head drilling machine



【设备特点 Equipment Features】

- 主要用于铝合金门窗、幕墙型材的钻孔，特别适用于长料及大批量生产
- 适用于截面不超过250×250mm的型材，加工长度最大达到5000mm
- 可安装多头钻座，满足多组群孔的同时加工
- 进给系统采用气液阻尼缸，进给平稳
- 采用欧姆龙控制系统，可实现任意机头的联动
- Mainly used in aluminum alloy doors and Windows, curtain wall profiles of drilling, especially suitable for long and mass production
- Suitable for cross section profile of not more than 250 x 250 mm, maximum processing length of 5000 mm
- Can be installed long drill, meet many group hole processing at the same time
- Feeding system adopts gas-liquid damping cylinder, feed smoothly
- The omron control system, can realize the linkage of the nose

■ 技术参数technical parameters > >

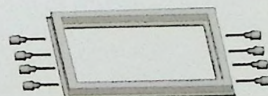
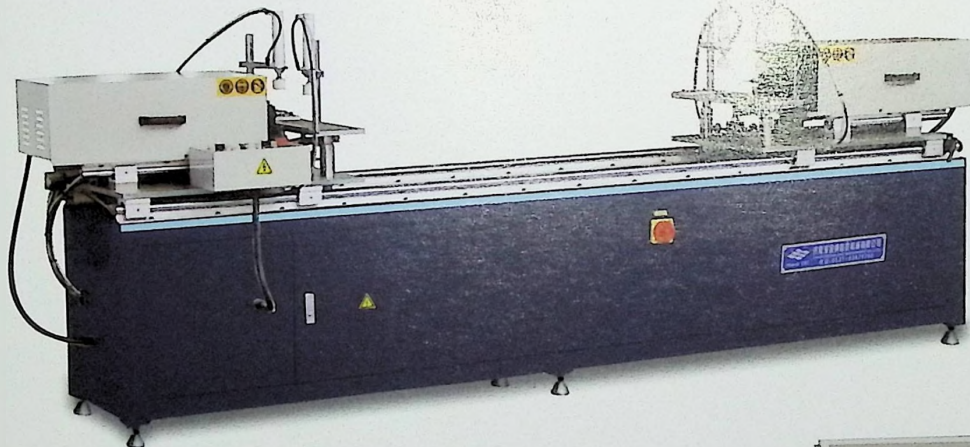
输入电源 Power supply	380V/ 50Hz
输入功率 Input power	8.0Kw
工作气压Air pressure	0.5~0.8MPa
耗气量Air consumption	60L/min
最大钻孔直径Max.drill hole diameter	φ12mm
加工最大长度Max.processing length	5000mm
外形尺寸Outside dimension	5600×700×1880mm

HJN-100 铝型材铰链双头钻床

Aluminium profile hinge double - end drilling machine

HJN-100 立式锁盒机

Vertical lock-hole machine



【设备特点 Equipment Features】

- 适用于各系列铝门窗型材单模、多工位组合模的冲裁加工；
- 装模空间大，模具安装与更换简便、快捷、生产效率高；
- 采用先进可靠的机械结构设计，解决了因冲裁力不平衡而造成的模具损坏及由此引起的设备加剧磨损等两大技术难题；
- 作多位冲裁加工时特别方便，机床性能优越。

■ 技术参数technical parameters >>

装模空间：3个
最大冲裁行程：60mm
对应有有效工作台面(长×宽)：280×410+760×410+280×410mm
最大封闭高度：280mm 最小封闭高度：140mm
最大冲裁力：10000Kg
油泵电机功率：2.2Kw
电源：380V50Hz 机床外形尺寸：1550×730×1280mm

- 适用于各种铝合金传动盒执手锁铣一次成型加工。
- 自动喷雾冷却刀具，提高刀具的使用寿命。
- 一次夹装完成型材相互垂直的两个面内的孔。
- 上面槽孔用专业刀具一次切削成型，槽孔长度可任意调节。
- 该机具有安全、高效、精准、易操作等特点。

■ 技术参数technical parameters >>

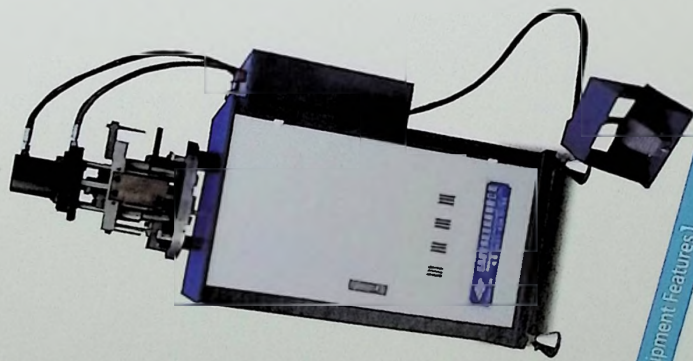
输入电源Input power 380V 50HZ 三相四线制2、
钻头转速Bit speed 1400r/min
钻头最小中心距Minimum center distance of bit
钻头最大中心距Maximum center distance of drill bit
加工窗扇最大高度Maximum height of processing window sash
工作压力Working pressure 0.5~0.8MPa

- Suitable for all kinds of aluminum alloy transmission box holding lock milling one forming processing
- Automatic spray cooling tool, improve tool life
- One clamping completes the holes in two faces where profiles are perpendicular to each other
- The upper slot is cut and molded in one time with a professional tool. The slot length is adjustable
- The machine is safe, efficient, accurate and easy to operate.

电机功率motor power 2×1.5KW
耗气量Air consumption 20L/min
22mm
390mm
1800mm
外形尺寸Outside dimension 1100×800×1600mm

HJN-16
铝门窗液压冲床

Aluminum doors and Windows hydraulic punc

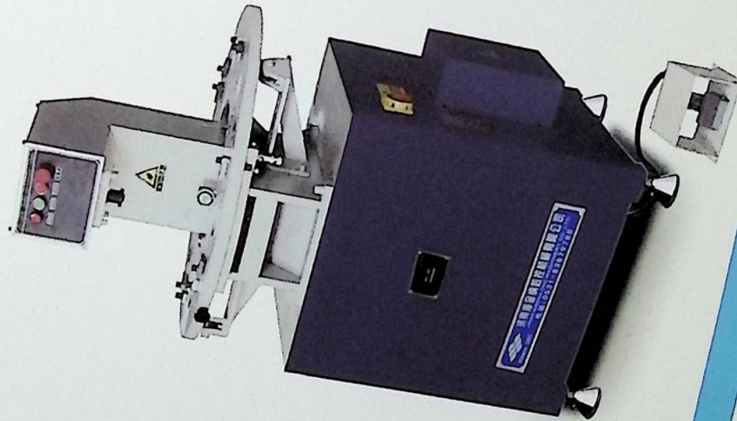


■ 技术参数technical parameters >>
油缸额定压力 14Mpa
冲剪范围 70×25mm
电动机功率 5Kw
外形尺寸 600X400X1450(mm)
Rated pressure of the cylinder is 14Mpa
Punching and shearing range 70×25mm
Motor power 5Kw
Overall dimensions 600 x400x1450 (mm)

铝门窗幕墙加工设备 Aluminumwin-door Machine

HJN-63
铝型材压力机

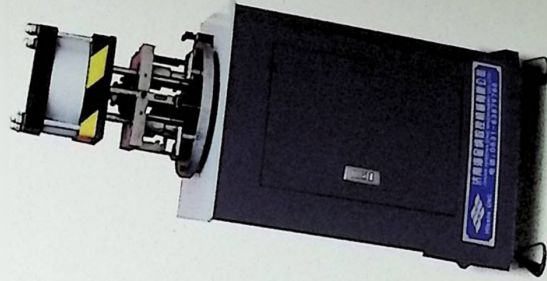
Aluminium profile press



■ 技术参数technical parameters >>
压力机公称压 50KN
冲压(裁)行程 30mm
模具外形尺寸 250×200×215mm
外形尺寸 1000×120×1700mm
The nominal pressure of press is 50KN
Stamping (cutting) stroke 30mm
Mold dimensions 250×200×215mm
Overall size 1000×120×1700mm

HJN-16
铝门窗五金件气动冲床

Hardware pneumatic punch



□ 技术参数technical parameters >>
压力机公称压 16KN
冲压(裁)行程 30mm
模具外形尺寸 250×250×500mm
外形尺寸 500×400×1250mm
The nominal pressure of press is 16KN
Stamping (cutting) stroke 30mm
Mold dimensions 250×250×500mm
Overall size 500×400×1250mm

[设备特点 Equipment Features]

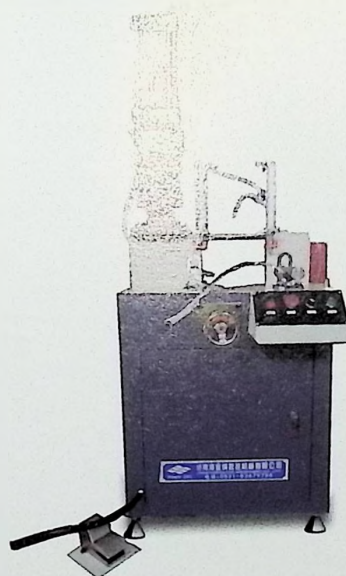


海金纳
Hisena

HJN-200 立式中挺锯 Vertical transom drill



HJN-1 地漏排水 Floor drain drainage



HJN-02 角码开槽机 Angle code slotting machine



【设备特点 Equipment Features】

□ 技术参数technical parameters >>

电机功率	1.1kw
钻头中心距	19-120mm
电机转速	1400rpm
工作气压	0.6-0.8Mpa
工作电压	380V 50Hz
外形尺寸	790×580×1800
Motor power	1.1kw
Bit center distance	19-120mm
Motor speed	1400rpm
Working pressure	0.6-0.8mpa
Working voltage	380V 50Hz
Overall dimensions	790×580×1800

□ 技术参数technical parameters >>

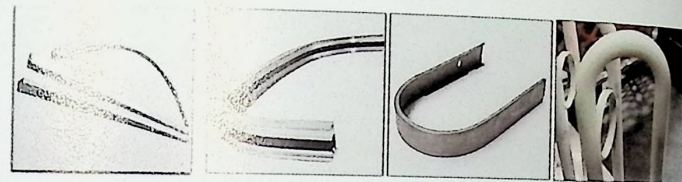
电机功率	2.2kw
气缸	SC125×75
电机转速	2800rpm
铣刀尺寸	100×32×14
工作电压	380V 50Hz
工作气压	0.6-0.8Mpa
外形尺寸	800×750×1550mm
中心距不一样，可以定做	
Motor power	2.2kw
Cylinder	SC125 x 75
Motor speed	2800rpm
Milling cutter size	100×32×14
Working voltage	380V 50Hz
Working pressure	0.6-0.8mpa
Overall dimensions	800×750×1550mm
Center distance is different, can be customized	

□ 技术参数technical parameters >>

锯片尺寸	255×30×2.8×100T
锯片电机功率	1.5kw
锯片进给速度	可调
锯片电机转速	2800rpm
工作气压	0.6-0.8Mpa
工作电压	380V 50Hz
外形尺寸	1500×820×1700mm
Saw blade size	255×30×2.8×100T
Saw blade motor	1.5kw
Saw blade feed speed is	adjustable
Saw blade motor speed	2800rpm
Working pressure	0.6-0.8mpa
Working voltage	380V 50Hz
Overall dimensions	1500×820×1700mm

HJN-CNC-95 全自动数控弯圆机

Fully automatic CNC circle bending machine



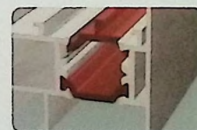
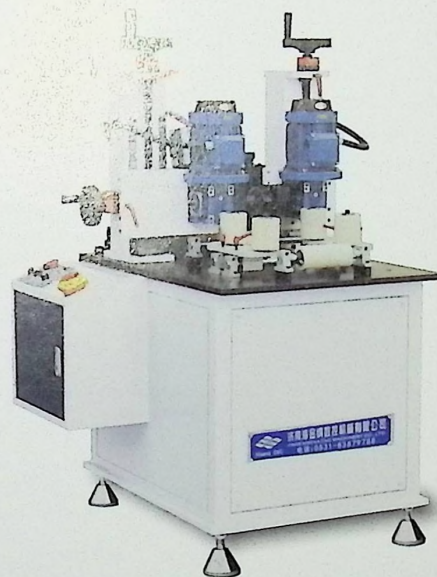
【设备特点 Equipment Features】

- 适用于铁、铜、铝合金型材。异型材等的弯弧加工。采用自动数控系统，可按要求进行有效的型材弧形弯曲及不同曲线的平滑连接，满足不同型材弯弧需求。采用特殊装置可使型材弯弧时不变形及型材表面无刮痕，避免因成品受损而重复加工，是加工高档铝合金门窗的理想设备
- It's mainly used for bending iron, copper profile, aluminum profile or special-shaped profile etc. It adopts automatic CNC systems and can satisfy all kinds of profile on bending the arc and curvilinear connection. Adopt special device to protect the profiles and avoid re-processing. It's a ideal machine for processing the high quality aluminum door and window.



□ 技术参数technical parameters > >

输入电源Power supply	380V 50Hz
输入功率Input power	3.7Kw
电机转速Motor rotational speed	5-15r/min
滚轴直径Roller diameter	φ50mm
压力机公称压力Nominal pressure	10T
最小弯弧直径Min bending diameter	400mm
外形尺寸Outside dimension	1600×700×1600mm



【设备特点 Equipment Features】

- 该机是将开完齿并穿好隔热条或塑料异材的断桥铝型材压合牢固，形成一整根断桥铝型材
- 先进的人机界面LCD液晶触摸操作显示屏，配备了本公司开发的专用软件。可以实现复合各种铝型材时的五轴数据存储、调用驱动；实现更换各种铝型材调整时完全自动化、无人化。

- The machine is the end of the teeth and wear good insulation or plastic different material broken bridge aluminum profile pressure firm, forming a whole broken bridge aluminum profile
- Advanced man-machine interface LCD touch screen, equipped with the company's development of special software. It can realize the five-axis data storage and call driver when compositing various aluminum profiles. To replace all kinds of aluminum profile adjustment fully automatic, unmanned.

■ 技术参数technical parameters >>

电源Power supply	380v/50Hz
功率Total power	5.5kw
滚压刀盘Rolling wheel diameter	240mm
加工型材尺寸Max processing size of profile	230mm×330mm
外形尺寸Overall dimension	1850mm×1420mm×1950mm

- 该机主要是将断桥铝型材上穿隔热条或塑料型材的槽口内侧面滚上齿花，加大断桥铝型材和隔热条复合在一起的摩擦力，装有自动夹紧气动装置，可以实现“边开齿边穿条的工作”采用交流变频调速，进行滚齿，速度无级调速控制。
- 传动方式，驱动马达+铝合金外壳蜗轮蜗杆减速机+主轴箱体带动开齿刀实现精确开齿。
- 采用进口直线滚珠导轨、变频器、减速机。可实现全自动化开齿穿条操作，整机喷漆，美观耐用。

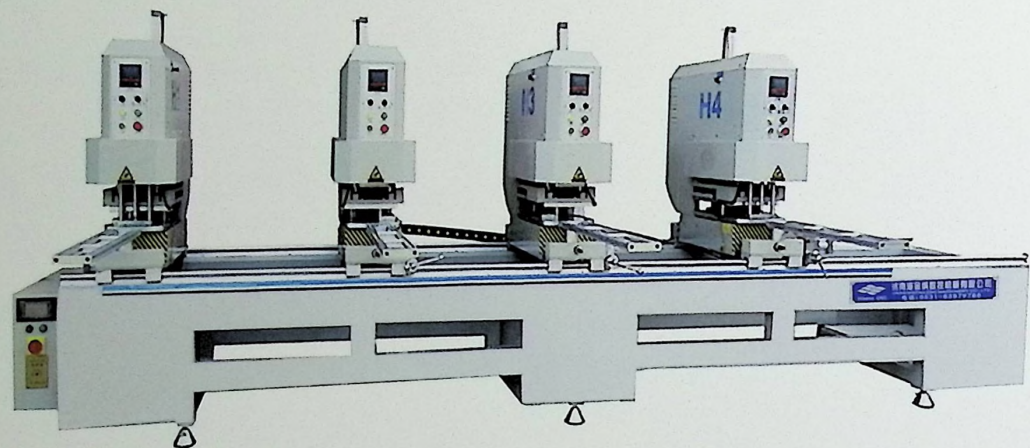
- This machine mainly is worn on insulation broken bridge aluminum or plastic material slit rolling on the medial surface of teeth, more broken bridge aluminum extrusions with article insulation composite friction, equipped with automatic clamping pneumatic device, can realize "hobbing and wear of the work" adopt ac frequency conversion speed adjustment, to carry on the hob, speed stepless speed regulation control;
- Drive mode, drive motor + aluminum alloy housing worm gear reducer + spindle housing drive gear cutter to achieve accurate gear opening;
- Imported linear ball guide rail, frequency converter, reducer. Fully automatic opening and threading operation can be realized, the whole machine is sprayed, beautiful and durable.

■ 技术参数technical parameters >>

电源Power supply	380v/50Hz	功率Total power	1.28kw
速度speed	0-90m/min	加工型材尺寸Max processing size of profile	260mm×210mm
外形尺寸Overall dimension			900mm×1100mm×1560mm

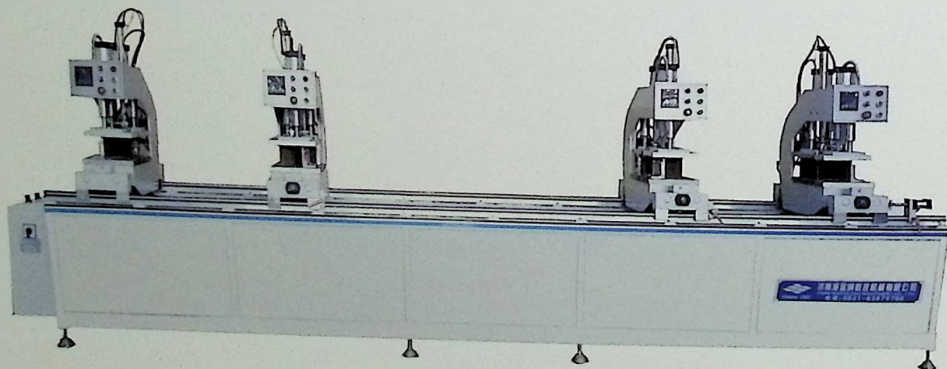
HJNA4-100×4500 塑料门窗无缝四位焊接机 (三位/二位)

Four plastic Windows and doors seamless welding machine (three/two)



HJN 塑料门窗四位 (三位/二位) 焊接机/圆轨单面无缝焊机

Plastic doors and Windows of four welding machine (three/two)



【设备特点 Equipment Features】

• 四位无缝焊机焊接完成后将焊瘤一次性清理完成，并可以控制焊接角度大小，因此对彩色型材焊接完成后，表面焊口平整、美观、高，焊接强度高于原有型材的角强度。• 此设备通过控制气动系统，对焊接强度进行了增加焊接强度的处理模式，保证在恶劣的环境下焊接强度最优，并可以通过数字参数进行量化调节。同时正焊接完成后的表面直接清理完成，没有钩刀和拉刀的切削沟槽，是焊接的接触面积相对增加了10%-20%。综合这两点改进，焊接强度大大优于普通门窗焊接设备。

输入电源Power supply	380V/220V 50Hz
输入功率Input power	4.4Kw
工作气压Air pressure	0.5~0.8Mpa
耗气量Air consumption	200L/min
焊接型材高度Welding profile height	20~110mm
焊接型材宽度Welding profile width	≤120mm
焊接范围Welding range	500~4300mm
外形尺寸Outside dimension	5300×1100×1700mm

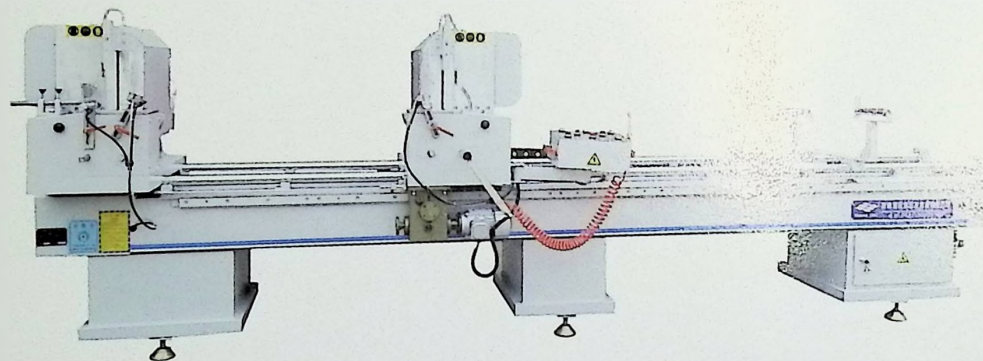
【设备特点 Equipment Features】

- 有缝无缝可转换，配有任意角焊接功能(另定);
- 可靠性高，进口可编程控制器(PLC)控制焊接动作程序;
- 配有190焊板，可焊较高型材，可良好满足不同型材焊接工艺需要;
- 实现覆膜型材、共挤型材等彩色型材单面“无缝”焊接工艺。
- Pseamed seamless convertible, with arbitrary angle welding function (set);
- Imported programmable controller (PLC) to control the welding action program;
- equipped with 190 welding, welding high profile;
- the film profile, CO extruded profiles, color profiles of single "seamless" welding process.

技术参数technical parameters >	380V/220V 50Hz
输入电源Power supply	4.4Kw
输入功率Input power	0.5~0.8Mpa
工作气压Air pressure	200L/min
耗气量Air consumption	20~110mm
焊接型材高度Welding profile height	≤120mm
焊接型材宽度Welding profile width	500~4300mm
焊接范围Welding range	5300×1100×1700mm
外形尺寸Outside dimension	

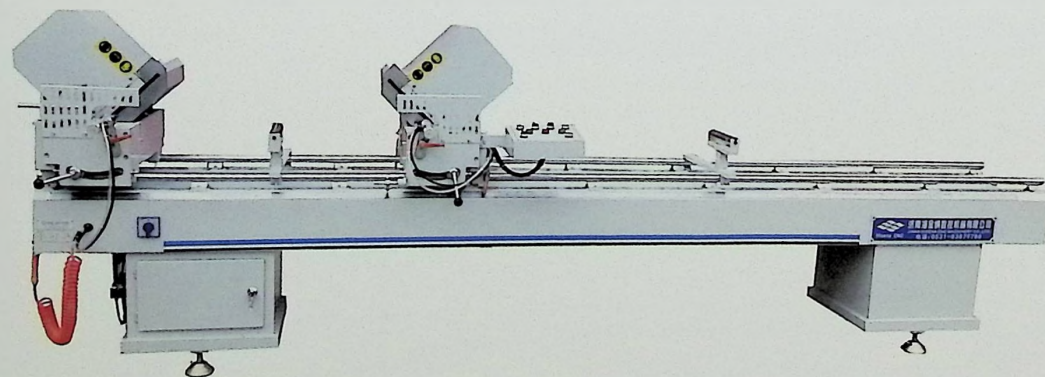
HJN-450×3700 铝塑型材双头切割锯

Plastic profile double-end saw



HJN-420×3500B 铝塑型材切割锯

Plastic profile double-end saw



[设备特点 Equipment Features]

- 该机采用气压传动，直线式工进方式，进给平稳；
- 锯片由电机拖动，具有结构坚固、刚性好、安全可靠、加工精度高、切割范围广、生产效率高、操作简单方便等特点。

主要技术参数 Main Technical Parameter

输入电源Power supply	380V 50Hz
输入功率Input power	3.55Kw
工作气压Air pressure	0.4~0.6MPa
耗气量Air consumption	200L/min
锯片转速Blade rotational speed	2800r/min
锯切长度Cutting length	450~3700mm
切削厚度Cutting thickness	≤125mm
切削宽度Cutting width	≤105mm
外形尺寸Outside dimension	4500×900×1400mm

[设备特点 Equipment Features]

- 该机采用气压传动，直线式工进方式。右机头采用直线轴承滑动，进给平稳，定位精度高。
- 整机具有结构紧凑、系统刚性好、操作简单、生产效率高等特点。
- 本机用于铝塑型材内外 45°、90°的切割加工。

主要技术参数 Main Technical Parameter

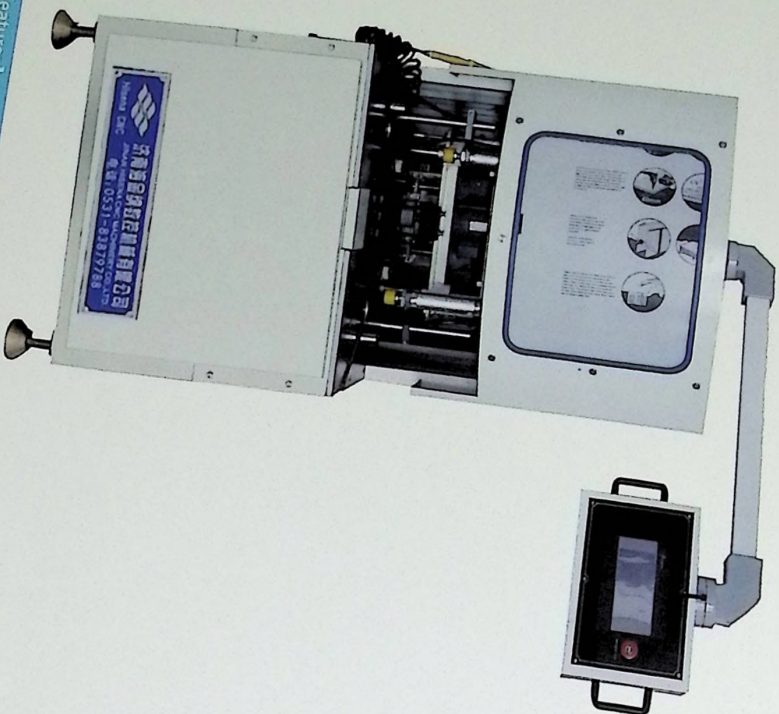
输入电源Power supply	380V 50Hz
输入功率Input power	3.0Kw
工作气压Air pressure	0.4~0.6MPa
耗气量Air consumption	100L/min
锯片转速Blade rotational speed	2800r/min
锯切长度Cutting length	450~3500mm
切削厚度Cutting thickness	≤105mm
切削宽度Cutting width	≤120mm
外形尺寸Outside dimension	4000×970×1400mm



海金纳
Hisena

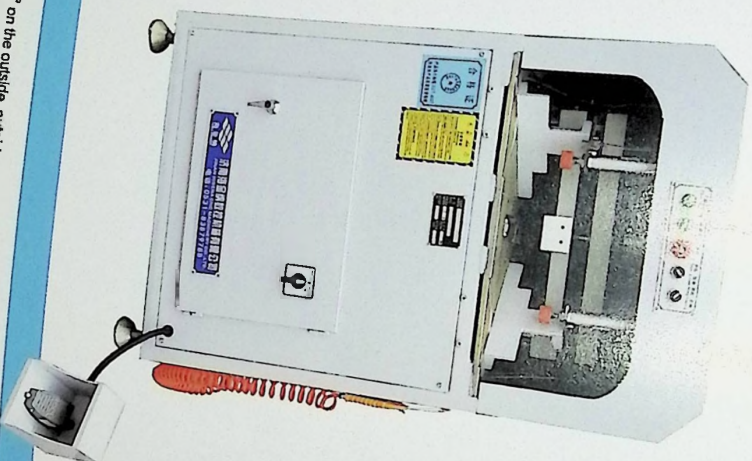
HJN04-CNC 塑料门窗数控角缝清理机

PVC win-door corner cleaning machine with CNC



HJN01-120 塑料门窗角缝清理机

Corner Cleaning Machine for PVC Window Mullion



【设备特点 Equipment Features】

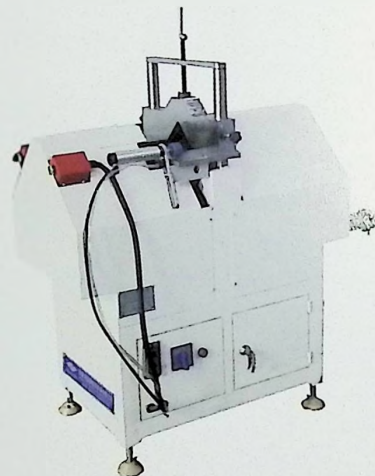
。五把刀具，专业用于PVC门窗恒扇的90°外角、外角斜面、型材上下面及胶条安装槽等难处理的清理，具有立铣、锯铣及拉削等多项功能，标准数控系统，经典的真正成套数控机床CNC机床系统，历经数控机床行业10几年锤炼，性能稳定，质量可靠，控制系统，解决了原有的只是由可编程控制器PLC控制的不稳定系统，补和圆弧插补，公司自主知识产权的示教方式明显提高，轻松实现斜线插补，容易掌握，彩色液晶显示，中文操作界面，操作简单直观，电子盘超大容量，可存储200个加工程序，RS232C异步串行口，USB标准接口，便于系统升级拷贝。

Have five, the cutting tool specialized used for PVC door and window fan 90° on the outside, outside, cant, profile and strip installation groove under the flash weld cleaning. With vertical milling, saw milling and broaching and other functions. Standard numerical control system, the classic really complete sets of CNC machine tools, CNC machine tools system, through the numerical control machine tool industry for 10 years, stable performance and reliable quality control system, changed the original just unstable system controlled by programmable controller PLC, completely solve the problem of losing step, obviously improve the reliability of the whole machine control system, easy teach the way of automatic programming, simple operation, easy to master. Color LCD display, Chinese operation interface, simple and intuitive operation. Electronic disc with large capacity can store 200 processing programs. RS232C asynchronous serial port, USB standard interface, easy to upgrade the system copy.

主要技术参数 Main Technical Parameter

输入电源Input power :	380V/50Hz
总功率Total power :	2.0KW
工作气压Working pressure :	0.5-0.7MPa
耗气量Consumption :	200L/min
主铣刀转速Master cutter speed :	2800/min
加工型材高度Processing profile height:	30-125mm
加工型材宽度Processing profile width:	30-110mm
外形尺寸Dimensions :	2000×1930×1500

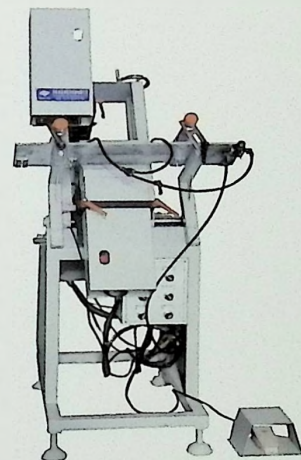
HJN-70A 塑料型材V型切割锯
V-Cut Aluminum Profiles



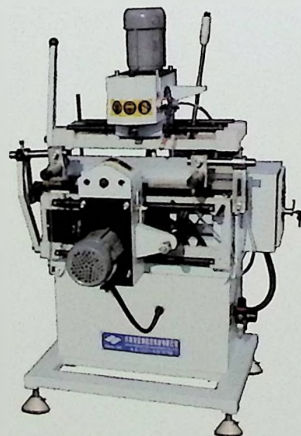
HJN-1800 塑料门窗玻璃压条切割锯
Cutting saw for glass layering of plastic doors and Windows



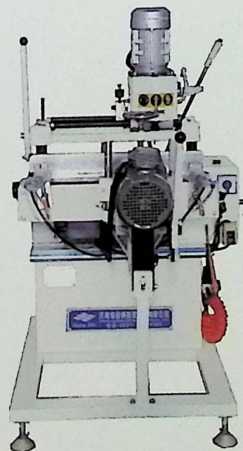
HJN02-3/4 塑料型材自动水槽铣
Water Slot Milling Machine for Plastic Profile



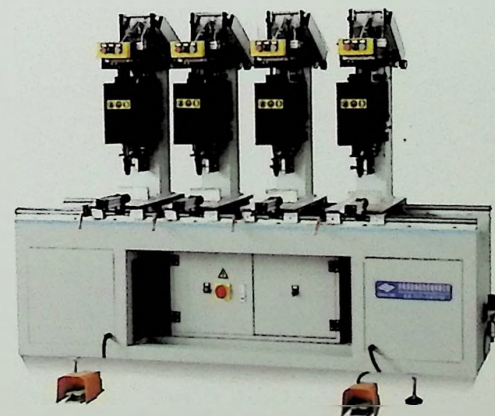
HJN-300×100 铝型材双轴仿形铣床
Aluminum profile biaxial copying milling machine



HJN01-100 铝塑型材钻孔仿形铣床
Aluminum profile drilling copy milling machine



HJN4-100 四头自动螺钉紧固机
Automatic screw fastening machine





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地址：山东省章丘区普集董赵工业园

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0531-83879788

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