创新 - 高效 - 诚信 - 共赢
Innovation, efficiency, integrity and win-win

海金纳数控

融合创新 突破发展

济南海金纳数控机械有限公司

JINAN HISENA CNC MACHINERY CO.,LTD

地址：山东省济南市章丘区普集镇董赵工业园
网址：www.haijinna.cn
全国统一热线：400-060-3663
售后热线：0531-83879788

-设备选择海金纳 门窗行业窗老大-

*本公司不断改变产品性能、设备及规格，如有变更，以实物为准，恕不另行通知！

海金纳数控 | 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

海金纳数控 | 荣誉见证实力...

HONORS WITNESS STRENGTH

海金纳坚持以客户为中心，遵循诚信为本、质量第一、完善服务的经营方针,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、质量检验等每个环节都能不断完善,始终保持以最新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

DELTA　CHNT正泰　SIEMENS　Schneider Electric　ABBA　YYY　SKF

OMRON　ASHUN　SNS　NSK　FANCBA　HIWIN　HRB

海金纳数控

M550 SERIES 锯铣云智能

Aluminum profile CNC saw cutting center

【设备特点Equipment Features】

★本机为集钻孔・铣槽・切割・护角・激光划线・标签打印于一体的智慧锯铣加工中心。
★配备 13 轴，3 组专切工进切割方式，前后上下面为 5 组主轴铣孔，右侧前后两个对射激光划线。
★可实现 45 °切割，45、90 °混切，护角切割，自动标签打印功能，机械手三轴数控可调可记忆，循环式上下料平台，可实现流水作业，料头自动回收。
★整体采用加厚方管焊接，焊接后打砂抛丸处理，消除内应力，龙门一次性加工成型，精度更高。
★主要部件及系统均采用知名品牌，保证设备长久运行的数据处理及耐用性。工业外观钣金设计，全包裹机箱美观安全。
★机箱底座及主要部件均采用铸造一体式工艺，通过数控加工中心铣削及钻攻加工，不易变形更稳定。
★对接主流门窗软件，传输即可加工。

☆This machine is a set of drilling – milling slot – cutting – corner – laser marking – label printing in one –smart sawing and milling processing center. Equipped with 13 axis, 3 groups of dedicated cutter into the cutting mode, machine front,back ,upper and lower with 5 groups of spindle milling holes, machine right side front and back has two opposing laser marking.Machine can realize 45 ° cutting, 45, 90 ° mixed cutting, corner cutting, automatic label printing function, robot three–axis CNC adjustable memory, circular loading and unloading platform can realize production line, rest profile is automatically recycled. The whole is welded with thickened square tube, sanding and shot blasting after welding to eliminate internal stress, and the gantry is processed and molded in one time for higher precision. Main components and systems are adopted well–known brands, to ensure long operation data processing and durability. Industrial appearance sheet metal design with full wrap chassis which is beautiful and safe. Chassis base and major components are cast one–piece process, through the CNC machining center milling and drilling and tapping processing is not easy to deform and more stable. By mainstream doors and windows software, once transmission , all can be processed.

【技术参数Technical Parameters】

外形尺寸：14750*3500*2800mm
排屑机尺寸：约 3150*500*700mm
总重量：约 9.5 吨
输入电源：380V/50HZ 三相四线制
工作气压：0.8MPA
锯切速度：15-50m/min
伺服运行速度：40-80m/min
毛坯料长度：1200≤L≤6600mm
锯切长度：≥300
锯切角度：45°、-45°、90°
锯切方式：2 个下出式、1 个平推式
型材加工范围 高度宽度：125mm

Overall dimensions: 14750*3500*2800mm
Chip conveyor size: about 3150*500*700mm
Total weight: approx. 9.5 tons
Input power: 380V/50HZ
Working air pressure: 0.8MPA
Sawing speed: 15–50m/min
Servo running speed: 40–80m/min
Length of blank: 1200≤L≤6600mm
Sawing length: ≥300
Sawing angle: 45° , –45° , 90°
Sawing method: 2 downward–pushing types
1 flat–pushing type
Profile processing range Height and width: 125mm

海金纳数控

HJN4A-CNC-500x4400 智能连线数控三轴高精锯

Smart Connection CNC 3-Axis High Precision Cutting Machine

【设备特点Equipment Features】

★该机适用于铝合金，断桥铝及系统门窗型材下料切割。
★出锯形式为曲线，较传统直线出锯结构切割速度更快，锯片损耗更低, 真正实现了稳，快，准。
★配备伺服电机和驱动器，右机头定位精准，速度快，可达到18000mm/min。
★导轨采用台湾上银30mm线轨，台湾精特研磨齿条保证了切割长度的精密尺寸。
★具有超短切割249mm，超长切割8800mm。
★外观设计精致大方，机身主材采用5mm厚国标矩形管材，设备稳定性更高。
★配备PC，扫码枪和打印机，与新格尔优化软件连线，接收加工料单，生成二维码用于后续加工。

☆The machine is suitable for aluminum,thermal break aluminum and system doors and windows profile cutting.
☆The form of thesawing out is curved, faster than the traditional linear saw structure cutting speed, saw blade damage is lower, which is real realization with stable, fast, accurate features.
☆Equipped with servo motors and drives, with the right head positioning accuracy, fast speed 18000mm/min.
☆The guide rail adopts Taiwan HIWIN in 30mm line rail, and Taiwan Jingte grinding rack ensures the precision size of cutting length.
☆With ultra-short cutting 249mm, ultra-long cutting 8800mm.
☆Exquisite and generous appearance design, the machine body is made of 5mm thick national standard rectangular pipe, which is more stable.
☆Equipped with PC, code scanning gun and printer, connecting with the THINKERSOFT optimization software to receive processing list and generate two-dimensional code for subsequent processing.

【技术参数Technical Parameters】

切割宽度*高度：140*200mm
输入电源：380V 50Hz
电机功率：2*3kw
定位精度：≤0.2mm
总功率：7kw(8kw)
摆角精度：±5′
工作气压：0.5-0 .8Mpa
供气量：60L /min
粗糙度：Ra12.5um
主轴转速：3000rpm
外形尺寸：6100x1500x1800mm
切割长度：260-8000mm
重量：2000Kg
切割角度：90 ° 45 °

Cutting width*height: 140*200mm
Input power: 380V 50Hz
Motor power: 2*3kw
Positioning accuracy: ≤0.2mm
Total power: 7kw (8kw)
Swing angle accuracy: ±5′
Working air pressure: 0.5–0.8Mpa
Air supply volume: 60L/min
Roughness: Ra12.5um
Spindle speed: 3000rpm
Overall dimensions: 6100x1500x1800mm
Cutting length: 260–8000mm
Weight: 2000Kg
Cutting angle: 90° 45°

海金纳数控

HJN3A-CNC-500x4200 智能连线数控一体精密锯

Smart Connection CNC Double Head One-Piece Cast Cutting Machine

【设备特点Equipment Features】

★适用于铝合金，断桥铝及幕墙型材下料切割。
★进给系统采用进口直线导轨副，精度高，稳定性好。
★机械系统采用进口高精度滚珠丝杠，高精度直线导轨，高精度主轴和进口轴承，高质量阻尼气缸和进口电磁阀。
★电气系统采用数控专用PLC数控液晶21.5寸专用触摸屏，台湾台达数控专用驱动器和伺服电机。
★右机头移动采用高导程滚珠丝杠运动形式，传动精度高，定位准确工作平稳。
★两锯头经过一体铸造加工而成，稳定性更高，可自动转换角度，实现外45°翻转，90°型材的角度切割。
★气液阻尼缸实现进给调速均匀，运动平稳。
★配备PC，扫码枪和打印机，与新格尔优化软件连线，接收加工料单，生成二维码用于后续加工。

☆Suitable for cutting aluminum alloy, broken bridge aluminum and curtain wall profiles.
☆The feeding system adopts imported linear guide rail pair, which has high precision and good stability.
☆The mechanical system adopts imported high-precision ball screws and high-precision linear guides.High-precision spindle and imported bearings, high-quality damping cylinder and imported solenoid valve.
☆The electrical system adopts special CNC PLC and CNC LCD 21.5-inch special touch Screen, Taiwan Delta CNC special drive and servo motor.
☆The right machine head moves in the form of high-lead ball screw, with high transmission accuracy.High, accurate positioning and smooth work.
☆The two saw heads are cast and processed in one piece, which has higher stability and can automatically Convert the angle to realize external 45° flipping and 90° angle cutting of profiles.
☆Gas-liquid damping cylinder achieves uniform feed speed regulation and smooth movement.
☆Equipped with PC, code scanner and printer, connected to Xinger optimization software, R eceive the processing material list and generate a QR code for subsequent processing.

【技术参数Technical Parameters】

输入电源：380V 50Hz
电机功率：2×3KW/总功率7KW
转速：3000r/min
工作气压：0.5-0.8MPa
供气量：60L/min
锯切长度：370-4200mm
锯片规格：Ø500*Ø30*4.4mm*120T
锯切宽度：max 145mm
锯切角度：90°、45°
定位精度：≤0.2mm
摆角精度：±5′
外形尺寸：5900x1370x1620mm
重量：1700KG

Input power: 380V 50Hz
Motor power: 2×3KW/total power 7KW
Speed: 3000r/min
Working air pressure: 0.5-0.8MPa
Air supply volume: 60L/min
Sawing length: 370-4200mm
Sawing width: max 145mm
Sawing angle: 90° , 45°
Positioning accuracy: ≤0.2mm
Swing angle accuracy: ±5′
Overall dimensions: 5900x1370x1620mm
Weight: 1700KG

海金纳数控

HJN5A-CNC-550x4200 智能连线数控内专切精密锯

Smart Connection CNC Inner 45 Degree Cutting Machine

【设备特点Equipment Features】

★该机适用于铝合金，断桥铝及系统门窗型材下料切割。
★该设备只可进行内翻45度固定切割，切出型材的角度精准、表面无毛刺、切口平滑，切割更稳定。
★外观设计精致大方，设备稳定性更高。
★配备PC，扫码枪和打印机，与新格尔优化软件连线，接收加工料单，生成二维码用于后续加工。

☆This machine is suitable for cutting aluminum alloy, broken bridge aluminum and system door and window profiles.
☆This equipment can only perform inward 45-degree fixed cutting, and the angle of the cut profile is precise.Accurate, burr-free surface, smooth incision, and more stable cutting.
☆Exquisite and elegant appearance design, higher equipment stability.
☆ Equipped with PC, code scanner and printer, connected to Xinger optimization software,Receive the processing material list and generate a QR code for subsequent processing.

【技术参数Technical Parameters】

输入电源：380V 50Hz
电机功率：2×3KW/总功率7KW
转速：3000r/min
工作气压：0.5-0.8MPa
供气量：60L/min
锯切长度：370-4200mm
锯片规格：Ø550*Ø30*4.4mm*120T
锯切宽度：max 145mm
锯切角度： 45°
定位精度：≤0.2mm
摆角精度：±5′
外形尺寸：5900x1370x1620mm
重量：1700KG

Input power: 380V 50Hz
Motor power: 2×3KW/total power 7KW
Speed: 3000r/min
Working air pressure: 0.5-0.8MPa
Air supply volume: 60L/min
Sawing length: 370-4200mm
Sawing width: max 145mm
Sawing angle: 45°
Positioning accuracy: ≤0.2mm
Swing angle accuracy: ±5′
Overall dimensions: 5900x1370x1620mm
Weight: 1700KG

HJN-CNC-120 智能连线数控三轴工艺孔钻铣床

Smart Connection Process Holes Drilling Milling Machine

【设备特点Equipment Features】 【技术参数Technical Parameters】

★有效加工宽度120mm，高度200mm，采用精密铸造结合数控加工，性能稳定故障率低
★以铣代冲解决门窗加工痛点，用于铝门窗销钉孔、注胶孔等柔性加工的加工，代替冲床，采用45°开口和尖角避让，保护型材尖角、避免型材划伤。

☆Machine is with effective processing width 120mm, height 200mm, by using precision casting combined with CNC machining, with stable performance and low malfunctions
☆Milling instead of punching to solve the shortcoming of window door processing , used for aluminum window door pin holes, glue injection holes, and other flexible processing ,instead of punching ,by using 45° openings and sharp corners avoidance to protect profile sharp corners , to avoid profile scratches.

输入电源：380V/50Hz	X轴行程：260mm	Input power:380V/50Hz
工作气压：0.5-0.7MPa	Z轴行程：120mm	Working air pressure:0.5–0.7MPa
主铣刀转速：18000r/min	Y轴行程：200mm	Main milling cutter speed:18000r/min
加工型材宽度：120mm	总功率：3.4KW	Processing profile width:120mm
加工型材高度：120mm	耗气量：200L/min	X–axis travel:260mm Z–axis travel:120mm
外形尺寸：870*900*1600	重量：345KG	Y–axis travel:200mm Total power:3.4KW
		Air consumption:200L/min
		Processing profile height:120mm
		Overall dimensions:870*900*1600
		Weight:345KG

HJN-CNC-1200 智能连线数控(三轴/四轴)钻铣床

Smart Connection CNC(3 Axis/4 Axis)Drilling Milling Machine

【设备特点Equipment Features】 【技术参数Technical Parameters】

★设备操作简单方便，适用于铝型材等轻质合金以及 V-PVC型材的钻孔、铣削等多种加工操作，工作台可进行三面翻转，一次装夹可以实现三面加工。
★采用伺服电机，伺服驱动器，稳定高效，最长钻孔2.3米（四轴）。
★采用高精度直线运动副、滚珠 丝杠，保证运行平稳，具有较高的定位及加工精度。

☆Equipment is with easy and convenient operation, suitable for aluminum profiles and other light alloys as well as V–PVC profiles, such as drilling, milling and other processing operations, the work table can be turned over on three sides,by once clamping , three sides processing can be achieved .
☆Adopting servo motor, servo drive makes working stable and efficient, the longest drilling can be 2.3 meters (by four–axis)
☆Adopting high–precision linear motion vice, ball screw ensures smooth operation, with high positioning and processing accuracy.

输入电压：380V 50HZ	耗气量：100L/min	Input voltage: 380V 50HZ
总功率：6.0KW	主轴功率：3.5KW	Total power: 6.0KW Weight: 500kg
X/Y/Z轴速度 0-10m/min	重量：500kg	X/Y/Z–axis travel: 1200/360/280mm
工作气压：0.5-0.8MPa	X轴行程：1200mm	Working air pressure: 0.5–0.8MPa
铣刀转速：8000-18000r/min	Y轴行程：360mm	Air consumption: 100L/min
外形尺寸：2200*1560*2040mm	Z轴行程：280mm	Spindle power: 3.5KW
		X/Y/Z axis speed: 0–10m/min
		Overall dimensions: 220*156*204cm
		Milling cutter speed: 8000–18000r/min

HJN-CNC-4500 智能连线数控激光刻线机

Smart Connection CNC Laser Marking Machine

【设备特点Equipment Features】 【技术参数Technical Parameters】

★适用于铝合金型材框料水槽位置、中挺位置等工艺位置的标识。
★采用高精度直线运动副、滚珠丝杆、齿轮齿条，双激光，3轴伺服，运行平稳，具有较高的定位及加工精度。
★工控21.5寸触摸屏，扫码输入任务单，无线联网，云生成物料加工程序，方便联机、连线。操作简单，加工程全数控智能完成，无需人工干预。

☆Applicable to mark aluminum profile frame water slot position, end milling position and other process positions.
☆Using high–precision linear motion vice, ball screw, rack and pinion, double laser, 3–axis servo, running smoothly, with high positioning and processing accuracy.
☆Industrial control 21.5–inch touch screen, scanning code to input task list, wireless networking, cloud–generated profile processing program, easy to be on–line connection. Simple operation, with all CNC smart control, without human intervention.

输入电源：380V/50Hz	Input power: 380V/50Hz
工作气压：0.5-0.8MPa	Working air pressure: 0.5–0.8MPa
重量：400KG	Weight: 400KG
X轴行程：4500mm	X–axis travel: 4500mm
Z轴行程：150mm	Z–axis travel: 150mm
伺服功率：750W*3	Servo power: 750W*3
激光功率：20W*2	Laser power: 20W*2
Y轴行程：150mm	Y–axis travel: 150mm
外形尺寸：5200*1200*1860	Overall dimensions: 5200*1200*1860
加工型材高度/宽度：150*150mm	Processing profile height/width: 150*150mm

HJN-CNC-300 智能连线数控五轴端面铣

Smart Connection CNC 5 Axis End Milling Machine

【设备特点Equipment Features】

★采用上位机结合专业控制系统软件，友好人机界面，设备操作简单、方便。
★适用于 120mm*120mm 铝合金型材、工业铝材等轻质合金以及 V-PVC 型材的铣削。
★采用高精度直线运动齿条滑块、珠丝杠，保证运行平稳，具有较高的定位及加工精度。
★采用高品质高速电主轴，确保加工稳定性，转动稳定，噪音小，切削能力强，具有程序保存功能，使用方便快捷。
★工作台运动方式，可实现水平、垂直切割。

☆Suitable for milling 120mm*120mm aluminum profiles, industrial aluminum and other light alloys as well as V-PVC profiles.
☆Adopt high-precision linear motion rack and pinion slider and ball screw to ensure smooth running and high positioning and processing accuracy.
☆Adopt high quality high-speed electric spindle to ensure processing stability, stable rotation, low noise and strong cutting ability.
☆With program saving function, easy and quick to operate; table movement mode can realize horizontal and vertical cutting.

【技术参数Technical Parameters】

输入电压：380V 50HZ
总功率：8.5KW
铣刀转速：3000r/min
X/Y/Z轴行程：1500/100/200mm
外形尺寸：2750*1400*1800mm
工作气压：0.5-0.8MPa
耗气量：100L/min
主轴功率：3.0KW
铣刀尺寸：2*300*30*5*80-84T
加工尺寸：立切高度125mm 深度90mm
工作台尺寸：500*320mm
重量：900kg

Input voltage: 380V 50HZ
Total power: 8.5KW
Milling cutter speed: 3000r/min
X/Y/Z axis travel: 1500/100/200mm
Overall dimensions: 2750*1400*1800mm
Working air pressure: 0.5-0.8MPa
Air consumption: 100L/min
Spindle power: 3.0KW
Milling cutter size: 2*300*30*5*80-84T
Processing dimensions:
vertical cutting height 125mm, depth 90mm
Workbench size: 500*320mm
Weight: 900kg

HJN-CNC-350 智能连线数控三轴端面铣（3+2/3+1）

Smart Connection CNC 3 Axis End Milling Machine (3+2)

【设备特点Equipment Features】

★适用于 120mm*120mm 铝合金型材、工业铝材等轻质合金以及 V-PVC 型材的铣削。
★采用高精度直线运动齿条滑块、珠丝杠，保证运行平稳，具有较高的定位及加工精度。
★采用高品质高速电主轴，确保加工稳定性，转动稳定，噪音小，切削能力强。
★具有程序保存功能，使用方便快捷；工作台运动方式，可实现水平、垂直切割。

☆Suitable for milling of 120mm*120mm aluminum alloy profiles, industrial aluminum and other light alloys, and V-PVC profiles.
☆Using high-precision linear motion rack slider and ball screw to ensure smooth operation and high positioning and processing accuracy.
☆Using high-quality high-speed electric spindle to ensure processing stability, stable rotation, low noise and strong cutting ability.
☆With program saving function, it is easy and fast to use; the worktable movement mode can realize horizontal and vertical cutting.

【技术参数Technical Parameters】

输入电压：380V 50HZ
总功率：5.5KW
重量：900kg
X轴行程：1800mm
Y轴行程：150mm
耗气量：100L/min
主轴功率：3.0KW
铣刀尺寸：2* 350mm*5*4*30*80T
加工尺寸：立切高度12.5 深度9cm
工作台尺寸：500*320mm
Z轴行程 ：立铣500mm/平铣200mm
外形尺寸：2100*1350*1770mm
工作气压：0.5-0.8MPa
铣刀转速：3000r/min

Input voltage: 380V 50HZ
Total power: 5.5KW
Weight: 900kg
X-axis travel: 1800mm
Y-axis travel: 150mm
Air consumption: 100L/min
Spindle power: 3.0KW
Workbench size: 500*320mm
Z-axis stroke: vertical milling 500mm
flat milling 200mm
Overall dimensions: 2100*1350*1770mm
Working air pressure: 0.5-0.8MPa
Milling cutter speed: 3000r/min

HJN-CNC 铝型材数控锁条机

CNC Lock Hole Machine

【设备特点Equipment Features】

★10寸显示器
★750瓦伺服
★清岚系统
★液压(也有气动款)
★功率2.5千瓦
★气压0.8-0.8Mpa
★可加装打印机，与小连线设备 联网

☆10-inch monitor
☆750W servo
☆Qinglan system
☆Hydraulic (pneumatic version also available)
☆Power 2.5kW
☆Air pressure 0.8-0.8Mpa
☆A printer can be installed for networking with small connected devices

【技术参数Technical Parameters】

HJN6A-CNC-550x4200 铝型材重型数控三轴内摆精密锯

Heavy Duty CNC 3 Axis Inner 45 Degree Cutting Machine

【设备特点Equipment Features】 【技术参数Technical Parameters】

★本机主要用于铝合金幕墙型材、铝塑门窗型材的切割下料，该机使用硬质合金据片，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，钢片由后向前，据切型材更安全可靠，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、高桥度加工。机身采用铸造性架体焊接，承重能力强，不易变形，有效保证整机的稳定性。

☆This machine is mainly used for cutting aluminum alloy curtain wall profiles and aluminum-plastic door and window profiles.For cutting and blanking, this machine uses carbide cutting sheets, which has higher linear speed and processing accuracy. When the machine tool is working, the two saw heads can cut at the same time or separately. The equipment can only perform 45° cutting. The steel sheet is cut from back to front, cutting the profile is safer and more reliable, and the sawing width is larger. This machine tool can be equipped with a CNC system or digital display device according to customer needs, which is more suitable for large-volume production of aluminum-plastic doors and windows, aluminum curtain wall materials, and high bridges. Degree processing. The fuselage is welded with a cast frame, which has strong load-bearing capacity and is not easily deformed, effectively ensuring the stability of the entire machine.

输入电源Power supply	380V 50Hz	锯切长度Cutting length	400-4200mm
输入功率Input power	7.0Kw	锯切角度Cutting angles	45°
工作气压Air pressure	0.5~0.8Mpa	最大切割宽度Max cutting width	140mm
锯片转速Blade rotational speed	3100r/min	外形尺寸Outside dimension	5800×1500×1800mm

HJN4A-CNC-500x4400 铝型材数控曲线高精锯

CNC Double Head High Precision Cutting Machine

【设备特点Equipment Features】 【技术参数Technical Parameters】

★曲线出锯切割速度更快，行走速度快达到26000mm/min，改变切割方式型材不易起毛刺，提高铝材表面光洁度，具有超短切割249mm，超长切割8600mm，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。

☆The whole machine control system and electrical appliances adopt the French Schneider high-end brand, high precision control, high stabilitywith a walking speed of up to 18000mm/min.Low noise, cuve out of the saw cuting speed faster, change the cuting way profie is not easy to bur,prolong the life of the saw blade, improve the aluminum surface finish, with super short Cuting 249mm, ultra long cuting 8800mm, delicate andgenerous appearance design, the main material of the body adopts 8mm thick national standard rectangular pipe, equipment stability is higher.guide Rall adopts Taiwan silver 30mm line ral, Taiwan YYC grinding rack to ensure the precise size of the cuting length, the body comes with automati feedina function convenient and applicable. bvTo the unanimous praise of customers, more reasonable structure, hicher configuration. focus onbetter research and development, you deserve to have

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

HJN3A-CNC-500x4200 铝型材数控一体精密锯

CNC Double Head One-Piece Cast Cutting Machine

【设备特点Equipment Features】 【技术参数Technical Parameters】

★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，提高下料效果和精度，气液阻尼实现进给速度均匀，运行平稳。
★进给系统采用进口直线导轨运动副，精度高，稳定性好，自动起落防护置，安全方便。

☆This machine is used for cutting profiles of aluminum doorswindows and curtain walls.Two saw head can be 90° 45° automatic conversion,Magnetic grid scale digital display system is adopted for fixedsize of profile, which is convenient to read and improves cuttingeffect and precision.Profile size using numerical control sizesystem, easy to read, improve the cutting effect and accuracy.Gas-liquid damping realizes uniform feed speed and smoothoperation. Saw blade feed system adopts imported linear guide rail motionpair, high precision, stable good qualitative.Automatic lifting and lowering protective cover makes worksafe and convenient.

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

HJN5A-CNC-550x4200 铝型材数控外翻45度专切锯

CNC Outer 45 Degree Cutting Machine

【设备特点Equipment Features】 【技术参数Technical Parameters】

★本机适用于铝合金、断桥铝及幕墙型材的下料切割，该设备只可进行外45°固定切割，切出型材的角度精准、切口平滑、表面无毛刺，45°切割更适合要求精准稳定的型材，相比两种角度的切割锯可以明显更好的完成型材的切割，切屑变薄效应发挥作用，大大提高了进给速度；自带托料架，便于加工6米及更长的型材，避免型材因中间下垂而引起的切割误差。

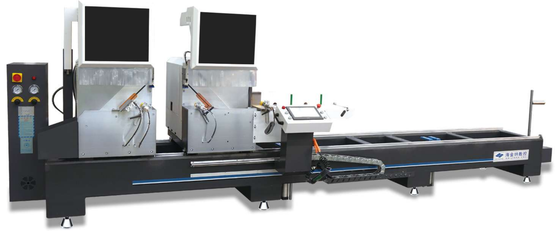
☆This machine is suitable for blanking and cutting aluminum alloy, broken bridge aluminum and curtain wall profiles. This equipment can only perform fixed cutting at an external 45° .The angle of the profile is precise, the incision is smooth, and the surface is burr-free. 45° cutting is more suitable for profiles that require precision and stability. Compared with the two The cutting saw at this angle can complete the cutting of the profile significantly better, the chip thinning effect comes into play, and the feed is greatly improved.Speed; comes with a supporting frame, which is convenient for processing profiles of 6 meters and longer, and avoids cutting errors caused by sagging in the middle of the profile.

输入电源Input power：380V 50Hz
电机功率Motor Power：2/3KW
锯切角度Sawing angle：外翻45°
重量weight：2000kg

超短超长切割cutting length：360-4210mm
外形尺寸Dimensions：5800x1750x2000mm
工作气压working pressure：0.5-0.8MPa
供气量Air supply volume：60L/min

HJN5A-CNC-550x4200 铝型材数控内翻45度专切锯

CNC Inner 45 Degree Cutting Machine



【设备特点Equipment Features】 【技术参数Technical Parameters】

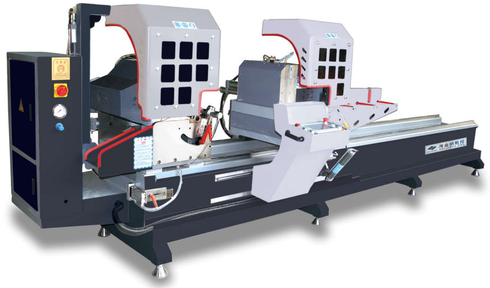
★本机适用于铝合金、断桥铝及幕墙型材的下料切割，该设备只可进行内45°固定切割，切出型材的角度精准、切口平滑、表面无毛刺，45°切割更适合要求精准稳定的型材，相比两种角度的切割锯可以明显更好的完成型材的切割，切屑变薄效应发挥作用，大大提高了进给速度；自带托料架，便于加工6米及更长的型材，避免型材因中间下垂而引起的切割误差。

☆This machine is suitable for blanking and cutting aluminum alloy, broken bridge aluminum and curtain wall profiles. This equipment can only perform fixed cutting at 45° .The angle of the profile is precise, the incision is smooth, and the surface is burr–free. 45° cutting is more suitable for profiles that require precision and stability. Compared with the two The cutting saw at this angle can complete the cutting of the profile significantly better, the chip thinning effect comes into play, and the feed is greatly improved. Speed; comes with a supporting frame, which is convenient for processing profiles of 6 meters and longer, and avoids cutting errors caused by sagging in the middle of the profile.

输入电源Input power：380V 50Hz
电机功率Motor Power：2/3KW
锯切角度Sawing angle：内翻45°
重量weight：2000kg
超短超长切割cutting length：360-4210mm
外形尺寸Dimensions：5800x1750x2000mm
工作气压working pressure：0.5-0.8MPa
供气量Air supply volume：60L/min

HJN-CNC-450x3700 铝型材数控450内摆锯

CNC 450 Double Head Cutting Machine



【设备特点Equipment Features】 【技术参数Technical Parameters】

★机头能自动实现内外翻转，锯切角度实现45”90°、据切短料功能尤为突出操作简单、性能可靠、技术先进，易于维护保养。采用绝对值伺服控制系统，重复定位精度高，操作方便。刀具使用硬质合金齿锯片，切削速度快、生产率高，加工精度高。两据头即可单独工作，也可同时工作，同时工作时，能一次切出所需要的长度及型材两端角度。电路系统中安装了电动机相序保护器，提高了系统的安全性

☆The nose can automatically filp inside and outslde, andthe sawing Angle can realize 90', 45° , saw cutting short material functlon Is particularty outstanding Simpie operation, reliable performance, advanced technology, easy maintenance. TAbsolule value servo control syslem is adoptedthe cutting length and slze, and sats repeatedly high bit precision, easy to operate, (Limied cigial csplay). The tool USES carbide tooth saw blade, cutting speed,productivity high machining accuracy. Two saws can work alone orsimultaneousy.When working at the same time, can cut the requiredlength and two sections at a time the point of vlew.The motor phase sequence protector is inslalled in theclrcult system to improve the system sacurky.

输入电源Power supply：380V 50Hz
输入功率input powera：5.0Kw
工作气压Air pressure：0.5~0.8Mpa
锯切角度Cutting angles：90°、45
锯片规格Saw bade specification：D=450mm d=30mm
锯切长度Cutting length：380-3700mm
锯片转速Bhade rotationa speed：3400r/min
外形尺寸Outslde dimenslon：5000x1700x2000mm

HJN7A-CNC-500x4000 铝型材数控三头移门锯

CNC Door Casing Profile Cutting Machine

【设备特点Equipment Features】 【技术参数Technical Parameters】

★本机主要用于移门，平开门型材下料切割，也可用于铝门窗、幕墙型材的切割下料切割。三个锯头包含两个 45 度以及一个 90 度，进给运动采用油气混合， 锯片切割平稳，切割效果更好；机床床身采用直线导轨运动副，机头进给运动采用矩形导轨副、主轴电机，机床运动精度高，使切割构件精度得以保障；加装靠料板，95%移门型材无需定做垫模，通用性更强，操作更方便、效率更高；固定角度切割，加工精度耐久稳定，先进的下出锯片方式，不打料头，切割型材无毛刺。

☆This machine is mainly used for cutting sliding door and swing door profiles. It can also be used for cutting aluminum doors, windows and curtain wall profiles.The three saw heads include two 45–degree angles and one 90–degree angle. The feed motion uses a mixture of oil and air. The saw blade cuts smoothly and efficiently.The result is better; the machine tool bed adopts a linear guide rail pair, and the machine head feed motion adopts a rectangular guide rail pair and spindle motor.The high movement precision ensures the accuracy of cutting components; with the addition of a support plate, 95% of sliding door profiles do not require customized pad molds and are universal.Stronger performance, more convenient operation and higher efficiency; fixed angle cutting, durable and stable processing accuracy, advanced saw blade removal methodType, no punching head, cutting profiles without burrs.

电源电压Power supply voltage：380V/50Hz
工作气压Working air pressure：0.5-0.8Mpa
锯片直径Saw blade diameter：ϕ500mm
45°—45°切割长度cutting length：470-3500mm
45°—90°切割长度cutting length：1050-4000mm
外形尺寸Overall dimensions：5050×1250×1650mm
电机转速Motor speed：2800r/min
切割宽度Cutting width：0-120mm
切割高度Cutting height：0-170mm
输入功率Input power：3*2.2KW
耗气量Air consumption：200L/Min

HJN-CNC-400x320 铝型材数控纱窗锯

CNC Window Screen Cutting Machine

【设备特点Equipment Features】 【技术参数Technical Parameters】

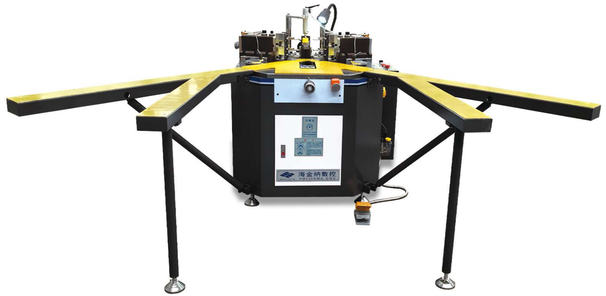
★本机采用德国技术，根据市场情况设计制造的设备。
★采用双机头往复运动，有进给气缸控制，结果紧凑、布局合理、使用方便、噪音底、加工精度高，维修保养方便，使用寿命长等特点
★机身采用高刚性焊接，承重力强，不易变形

☆This machine adopts German technology and is designed and manufactured according to market conditions.
☆It adopts double head reciprocating motion and is controlled by feed cylinder. It has compact structure, reasonable layout, easy use, low noise and precise processing.High strength, easy maintenance and long service life.
☆The body is welded with high rigidity, strong load–bearing capacity and not easy to deform.

工作气压Working air pressure: 0.5-0.8Mps
锯片转速Saw blade speed: 3150n/min
锯切长度Sawing length: 280-3200mm
最大切割宽度Maximum cutting width: 125mm
外形尺寸Overall dimensions: 4200x1100x1300mm
锯片规格Saw blade specifications: D=400mm d=30mm

HJN-160 铝门窗重型组角机

160 Heavy Duty Corner Crimping Machine



【设备特点Equipment Features】 【技术参数Technical Parameters】

★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 holderThe knife head can be independently adjusted, and the knife depth is consistent. Synchronous mechanism, absolutely ensurethe symmetry of group Angle.High pressure, 4.0 thickness through.This machinethe hydraulic system to have the high power, the big scope and the work stability and so on.PLC control is adopted.Cvlinder rod with araduated tool depth adjustment accurate.

输入功率Input power：3.0KW
电源Power supply：380v/50Hz
工作压力Air pressure：0.5-0.8Mpa
耗气量Air pressure：2L
组角压力pressure：48KN

油箱容量Capability of oil box：20L
适应型材高度Profile width：160mm
组角缸运动行程Movement stroke：85mm
对接缝隙误差Connection seam erro：≤0.15mm
额定油压Rating oil pressure：15Mpa

HJN-120A 铝门窗刀库组角机

Corner Crimping Machine With Tool Magazine

【设备特点Equipment Features】 【技术参数Technical Parameters】

★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，更换型材时，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条件下，磨损最小。

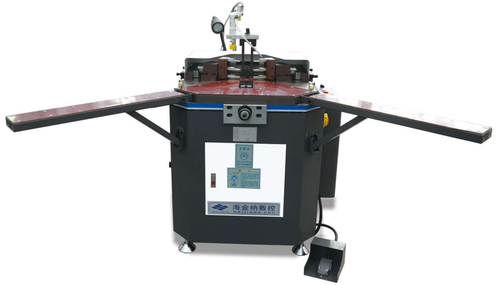
☆The tool change method is rotating tool change and locking tool holder, tool change speed of three seconds.After the common tool is installed, it can be fixed for long-term use.Adjustment mode is hand wheel adjustment, hand wheel with counter, accurate adjustment, when processing variousprofiles, remember the value, change profilesadiust 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 structurelong time and hiah load working conditions lower,wear minimum.

输入功率Input power：3.0KW
电源Power supply：380v/50Hz
工作压力Air pressure：0.5-0.8Mpa
耗气量Air pressure：2L
组角压力pressure：48KN

油箱容量Capability of oil box：20L
适应型材高度Profile width：160mm
组角缸运动行程Movement stroke：85mm
对接缝隙误差Connection seam erro：≤0.15mm
额定油压Rating oil pressure：16Mpa

HJN-120A 铝门窗重型组角机

120 Heavy Duty Corner Crimping Machine



【设备特点Equipment Features】 【技术参数Technical Parameters】

★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。

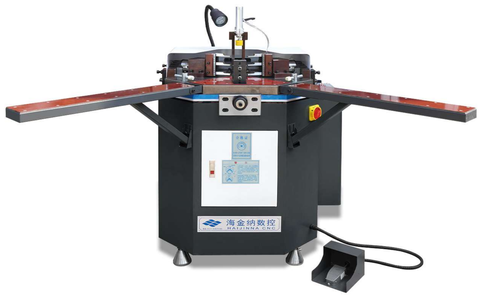
☆Used for 90° corner combining,Adjustable corner combining tool that achieve multi'position cornerelnner locator can sit below the worktable,easy operationeHydraulic system supplied large punching and riveting force,Left and right punching heads adopt hard synchronous feeding devicethus makes the connection more f-rmlyelt has features of easy operation,reliable performance,advancedtechnique and convenient maintenance.

输入功率Input power：2.2KW
电源Power supply：380v/50Hz
工作压力Air pressure：0.5-0.8Mpa
耗气量Air pressure：2L
组角压力pressure：48KN

油箱容量Capability of oil box：20L
适应型材高度Profile width：120mm
组角缸运动行程Movement stroke：85mm
对接缝隙误差Connection seam erro：≤0.15mm
额定油压Rating oil pressure：15Mpa

HJN-120 铝门窗组角机

120 Corner Crimping Machine



【设备特点Equipment Features】 【技术参数Technical Parameters】

★适用于角码结构型铝门窗90°角连接。
★左右冲头采用钢性同步进给，避免组角过程的无益变形，使窗角连接更牢固。
★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 theprocess 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

输入功率Input power：1.5KW
电源Power supply：380v/50Hz
工作压力Air pressure：0.5-0.8Mpa
耗气量Air pressure：2L
组角压力pressure：48KN

油箱容量Capability of oil box：20L
适应型材高度Profile width：120mm
组角缸运动行程Movement stroke：85mm
对接缝隙误差Connection seam erro：≤0.15mm
额定油压Rating oil pressure：16Mpa

HJN-CNC-300 铝型材数控五轴端面铣床

CNC 5 Axis End Milling Machine

【设备特点Equipment Features】 【技术参数Technical Parameters】

★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 andreinforced mullion.Large capacity milling, multi-pieces profile milling inone cycle.Universal milling blades can be adjusted in up/down,left/right directions and not made extra, which fits fordifferent processing requirement and ensures theefficient working.Can work for the reinforced mullion in one cutting/millingcycle.Large tools with high and stable milling speed guaranteethe working quality.

输入电源 Power supply：380v50Hz
输入功率Input power：9kw
工作气压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：2500x1700x2000mm

HJN-CNC-350 铝型材数控三轴端面铣床（3+1/3+2）

CNC 3 Axis End Milling Machine(3+1/3+2)

【设备特点Equipment Features】 【技术参数Technical Parameters】

★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难度，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 profle strengthening and sticking secion. so as to adapt to the cooperation of diferent section profesThe tool movement adopts linear square ral motion pai,high precision bal screw drive, to ensure the stability and accuracy of the miling cutter,feedingspeed is adjustable, fast tool back. High precision. This machine adopts PLC numerical control programming system.It can set the size ofthe cuting too, the size ofthe upper and lower ofiset and the length of the milling pin.Accurete postionino simole operaton o sove the user for diierent ivpes of oroiles repeatedly knte dicvoy for dierent protles need to freowenty do thetedious process of knife.This machine can be programmed for permanent storage, improve production efficiency and miling accuracy.

工作电压 Working voltage：380V50Hz
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：ϕ350
铣销深度 Milling depth of：80mm
工作台尺寸Table size 510X：510X380mm
主轴电机功率 High spindle motor power：3Kw
副电机功率Auxiliary motor power：X12nm YZ6.5nm
可夹持型材高度 Clamping profile height：40-200mm
外形尺寸 Overall dimensions：1600X1700X1300mm

HJN-200 铝型材高效端面铣床（中端铣）

High Efficiency End Milling Machine

【技术参数Technical Parameters】

★该机用于铝型材端面的铣削加工，以满足中挺和框料的配合。一次可铣多根型材，效率高。适用于各种型材端面，台阶面的成型加工。如铝门窗上、下滑的成型加工、削边、开长方形空槽等。整机结构紧凑，调整丝杠均有GY04型数字显示器显示，准确、可靠、加工范围大、操作方便、生产效率高。

【技术参数Technical Parameters】

输入电源Power supply：380V 50Hz
重量weight：300kg
输入功率Input power：4.4kw
工作气压Air pressure：0.5-0.8Mpa
电机转速Motor rotational speed：2800r/min
外形尺寸Outside dimension：1500×1400×1600

HJN03-200 铝塑型材端面铣床（小端铣）

End Milling Machine

【技术参数Technical Parameters】

★用于铝塑型材的端面，台阶面以及端面槽的成型加工。高精度主轴，确保了加工的稳定与精度。自动进给，劳动强度小。工作台可上下调整，调刀方便；一次只能铣削一根型材。
（根据型材定制刀具）

【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：0.5-0.8Mpa
耗气量Air consumption：80L/min
电机转速Motor rotational speed：2800r/min
外形尺寸Outside dimension：600*570*1360mm
重量weight：200kg

HJN-260B 铝型材切断端面铣床

End Milling Machine With Cutting Off Function

【设备特点Equipment Features】 【技术参数Technical Parameters】

★该机用于各种门窗型材的端面加工，可以同时完成多根型材的端面加工，提高生产效率四把刀具可上下前后调整，适用于不同型材的端面，进给系统采用气液转换，切削进给速度平稳操作简单、性能可靠、技术先进、易于维护保养。

☆Used for aluminum profie end prccessing and suilabe for various profieg.Frocess mulli-piece proliles in one clamp high efficienov Five tools can be adjusted up and dawn the font and stiles, for different profiles of the face.Airdraulic damping cylinder adopted in feeding system gives stable velocity.It has Featuras of easy operation, relable peromance advanced technigue and conenienf maintenance.

输入电源：380V 50HZ
输入功率：4.4KW
工作气压：0.5~0.8Mpa
耗气量：150L/min
电机转速：2800r/min
主轴直径：32mm
铣刀直径：4250mm
外形尺寸：1250x720x1650mm

Input power: 380V 50HZ
Input power: 4.4KW
Working air pressure: 0.5~0.8Mpa
Air consumption: 150L/min
Motor speed: 2800r/min
Spindle diameter: 32mm
Milling cutter diameter: 4250mm
Overall dimensions: 1250x720x1650mm

HJN-CNC-150 铝型材数控排料角码锯

CNC Auto Feed Corner Cleat Cutting Machine

【设备特点Equipment Features】 【技术参数Technical Parameters】

★用于铝门窗角码下料的专用设备，并可用于塑料型材的切割下料。
★本机具有强度高，性能稳定可靠，工作精度高，易操作等特点。使用硬质合金锯片，线速度高，加工精度高。本机运动副采用直线运动轴承，运动阻力小，精度高。
★送料机构采用自动送料系统，稳定可靠，一次可切4根料，效率高，因而适合铝门窗及塑料型材的大批量切割生产用。

☆Special equipment for cutting corner codes of aluminum doors and windows, and can also be used for cutting and cutting plastic profiles.
☆This machine has the characteristics of high strength, stable and reliable performance, high working precision and easy operation. Use carbide saw blades, O.D.Up to 450mm, high line speed and high processing accuracy. The kinematic pair of this machine adopts linear motion bearings, which have low motion resistance and high precision.
☆The feeding mechanism adopts an automatic feeding system, which is stable and reliable. It can cut 4 pieces of material at a time and is highly efficient, so it is suitable for aluminum doors, windows and plastic types.It is used for mass cutting production of materials.

电机功率Motor power：3KW
电机转速Motor speed：2840r/min
工作压力Working pressure：380V50Hz
锯片尺寸Saw blade size：Φ500*30*96
锯切进给速度Sawing feed speed：0~3m/min
工作气压Working air pressure：0.6~.8MPa
锯切宽度×高度Sawing size：110×150mm
外形尺寸Overall dimensions：1500×1500×1400

HJN-100 铝型材全自动角码锯

Corner Cleat Cutting Machine

【设备特点Equipment Features】 【技术参数Technical Parameters】

★铝门窗全自动角码锯，是用于铝门窗角码下料的专用设备，也可用于铝型材的切割下料。
★设备自动化程度高，工件夹紧、锯切进退均采用气动系统控制，操作简单方便；送料机构采用自动送料系统，稳定可靠；本机具有结构强度高，性能稳定可靠，工作精度高，简单易操作等特点，从而适合铝门窗及其他铝型材的大批量切割生产。

☆The automatic corner code saw for aluminum doors and windows is a special equipment used for cutting corner codes of aluminum doors and windows. It can also be used for cutting and cutting aluminum profiles.
☆The equipment has a high degree of automation, and the workpiece clamping, sawing advance and retreat are all controlled by a pneumatic system, making the operation simple and convenient; the feeding mechanism It adopts an automatic feeding system, which is stable and reliable; this machine has high structural strength, stable and reliable performance, high working precision, simplicity and ease of use.Operation and other characteristics, it is suitable for mass cutting and production of aluminum doors, windows and other aluminum profiles.

切割角度Cutting angle：90°
切割宽度Cutting width：110mm
切割高度Cutting height ：150mm
电源Power supply：380V 50Hz
电机功率Motor power：2.2KW
工作气压Working air pressure：0.6-0.8Mpa
主电机转速Main motor rotation speed：2840r/min
刀片进给速度Blade feeding speed ：0-3m/min
外形尺寸Overall dimension ：1500×1500×1400
重量Weight：300 kg

HJN-CNC-3000 铝型材三米数控三轴钻铣床

3000 CNC 3 Axis Drilling Milling Machine

【设备特点Equipment Features】 【技术参数Technical Parameters】

★本设备主要为满足家具行业的各类铝型材钻铣加工，(可选配可翻转工作平台，可在270°范围内对铝型材进行加工)。一次装夹，多次加工，有更高的加工精度。各运动结构采用伺服+精密丝杆+线轨的方案，充分保证机床的精度及稳定性，各个运动结构均有自动润滑系统。主轴配备有喷雾冷却装置。
★本设备采用台湾宝元数控系统+MA系列控制器，系统内置编程模板，使用者仅需简单输入各加工尺寸即可加工，操作简单易上手，学习成本低。

☆This equipment is mainly used for drilling and milling of various aluminum profiles in the furniture industry. (The optional reversible working platform allows for processing aluminum profiles within a 270° range. processing). One clamping, multiple processing, higher processing accuracy.Each motion structure adopts a servo + precision screw + linear rail solution to fully ensure To ensure the accuracy and stability of the machine tool, each motion structure is automatically lubricated.system. The spindle is equipped with a spray cooling device.
☆This equipment adopts Taiwan Baoyuan CNC system + MA series controller.The system has a built–in programming template, and users only need to simply input each processing size.It can be processed, the operation is simple and easy to use, and the learning cost is low.

加工精度：±0.1mm;
钻头主轴：
功率：5.75kw
最高转速：18000rpm
县夹头：ER20
伺服电机功率：2.25KW
设备总功率：10KW
工作气压：0.6-0.8MPa
外形尺寸：4400x1500x2100
横向行程(XYZ轴)：3000/400/280mm

Processing accuracy: ±0.1mm;
Drill spindle:
Power: 5.75kw
Maximum speed: 18000rpm
County chuck: ER20
Servo motor power: 2.25KW
Total equipment power: 10KW
Working air pressure: 0.6–0.8MPa
Overall dimensions: 4400x1500x2100
Lateral travel (XYZ axis): 3000/400/280mm

HJN-CNC-800 铝型材数控800钻铣床

800 CNC 3 Axis Drilling Milling Machine

【设备特点Equipment Features】 【技术参数Technical Parameters】

★该机适合铝型材的各类型孔槽的铣削加工；高精度直线导轨副、滚珠丝杠、齿轮齿条进口伺服电机，保证运动平稳，有较高定位及加工精度；采用进口高速电机主轴，转动稳定、噪音小、切削能力强；可旋转工作台在+90、0、-90三个位置间任意转换，实现一次装夹可完成三个面铣削加工；通过编程软件自动转换加工G代码，操作简单，效率高，劳动强度低。

☆This machine is suitable for milling of various types of holes and slots in aluminum profiles; imported high–precision linear guide pairs, ball screws, and gear racks Servo motor ensures smooth movement and high positioning and processing accuracy; it adopts imported high–speed motor spindle to ensure stable rotation and low noise.Low sound and strong cutting ability; the rotatable worktable can be arbitrarily converted between the three positions of +90, 0 and –90 to achieve complete clamping in one time.into three face milling processes; the G code is automatically converted through programming software, which is simple to operate, highly efficient, and low in labor intensity.

电源电压voltage：380V/50Hz
工作气压working pressure：0.5-0.8Mpa
电机转速Motor speed：18000r/min
输入功率input power：5.75KW
行程长度Stroke length：800/300/280mm
运行速度Running speed：0-60/0-15/0-15m/min
外形尺寸Dimensions：1600×1500×1440mm
加工范围Processing range：100×120×800mm

HJN-CNC-600 铝型材数控钻铣床

600 CNC Drilling Milling Machine

【设备特点Equipment Features】 【技术参数Technical Parameters】

★适用于铝合金、塑钢钻孔、铣槽、异型孔、圆孔等加工。
★采用标准三轴数控系统，操作方便。
★采用电主轴，精度高、安全性好、可靠性高。
★X轴、Y轴、Z轴均采用高精度滚珠丝杠传动，
★运动平稳，精度高，输入常用槽孔坐标参数，简单易懂。
★工作台0°~90°自动翻转，型材一次装夹可实现两面加工，精度高、效率高。

☆Used for Aluminum Profile&PVC Profles's shapaholes, round holes etc driling&miling.
☆Adopts standard Triaxial CNC syslem,easy operation.
☆Adopts Electric spindle with high precison,goodsecurity,high stabilky.
☆X,Y and Z Axis Adopts high precision ballbearing cor'eyor,runs stable.
☆Iso intemational standarded gcode programmingeasy to operate.
☆The working table can automatic 0–90°tilting,one timeprofiles loading,two sides processing, which ensure thehigh precisionshigh efnciency

HJN-CNC-1260 铝型材钻铣一体机

CNC Integrated Drilling Milling Machine

【技术参数Technical Parameters】

★本机是钻铣一体式机器；便于客户加工选择使用，安全可靠；滚珠丝杠为齿轮齿条传动方式，本系统采用触摸屏+控制板卡的结构进行设计。

☆This machine is an integrated drilling and milling machine; it is convenient for customers to choose and use for processing.Safe and reliable; the ball screw is a rack and pinion transmission method. This system adoptsDesigned with a touch screen + control board structure.

【技术参数Technical Parameters】

电源Power supply：380V/50HZ
气压Air pressure：0.6-0.8Mpa
气缸压紧调节范围
Cylinder compression adjustment range：25-180mm

HJN-CNC-AB 铝型材立式工艺孔钻铣

Vertical Process Holes Drilling Milling Machine

【技术参数Technical Parameters】

★本产品分走刀，走料两种款式；便于客户锯料的加工选择使用；本产品压紧结构采用保压机构，安全可靠；本产品采用气顶油的工进方式，保证运行平稳。

【技术参数Technical Parameters】

电源Power supply：380V/50HZ
总功率Total power：2.2KW+3KW
重量Weight：200KG
外形尺寸Overall dimensions：1300*750*1400MM
有效工作台面Effective work surface：280*220MM
工作气压Working air pressure：0.6～0.8Mpa
工作行程Working stroke：700～750MM

HJN-CNC-90S 铝型材数控蓝牙压条锯

CNC Bluetooth Glazing Bead Saw

【设备特点Equipment Features】 【技术参数Technical Parameters】

★该设备设计为自动送料和数控定尺挡料两种模式，客户可根据自己需要，在触摸屏上进行切换；挡料模式下，实现定尺切割，人工送料及取料，多用于尾料或者补料加工；切割完成的工件，自动从锯头内送出，并推到存料架上；本机采用进口数显卡尺，可实现快速精准测量，使用方便，信号传送准确；本机采用同服电机精准定位，与数显卡尺完美匹配，保证高精度尺寸切割，本机带有条码打印功能，使用方便。

☆This equipment is designed with two modes: automatic feeding and CNC fixed–length material blocking. Customers can perform the operations on the touch screen according to their own needs.Switch; in blocking mode, it can realize fixed–length cutting, manual feeding and retrieval, mostly used for tailing or replenishing processing; cutting is completed.The workpiece is automatically sent out from the saw head and pushed to the storage rack; this machine uses an imported digital caliper to achieve rapid and accurate measurement.quantity, easy to use, and accurate signal transmission; this machine uses the same motor for precise positioning and perfectly matches the digital caliper to ensure high Precision size cutting, this machine has a barcode printing function and is easy to use.

输入电源Input power：380V/50Hz
总功率Total power：1.8kW
耗气量Air consumption：10L/min
主轴转速Spindle speed：2800r/min
工作气压Working air pressure：0.5～0.8Mpa
最大切割尺寸Maximum cutting size：80×80mm
切割长度Cutting length：260～2900mm
外形尺寸Overall dimensions：7500×1360×1860mm

HJN-16 铝门窗液压冲床
Hydraulic Punching Machine

■ 技术参数technical parameters > >

油缸额定压力	14Mpa
冲剪范围	70×25mm
电动机功率	1. 5Kw
外形尺寸	600X400X1450(mm)

Rated pressure of the cylinder is	14Mpa
Punching and shearing range	70×25mm
Motor power.	1. 5Kw
Overall dimensions	600 x400x1450 (mm)

HJN-63 铝门窗液压压力机
Two Cylinder Hydraulic Punching Machine

■ 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
Pneumatic Punching Machine For Hardware

HJN-370x125 铝门窗高效自锁仿型铣
High Efficiency Copy Router

HJN-90-290 铝门窗高效仿型铣
Manual Copy Router

HJN-6CNC 铝型材隔热型材六轴数控开齿穿条一体机
Knurling And Strip Feeding Machine

【设备特点Equipment Features】 【技术参数Technical Parameters】

★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上滚上齿花，加大断桥铝型材和隔热条复合在一起的摩擦力，装有特殊的夹紧气动装置，可以实现“边开齿 边穿条 边贴膜”。
★数控调节整体升降，也可单独升降，六个轴可分别调节不同高度，宽度，可针对所有型材使用，（如异型型材，高低台，错位等自动感应夹条、松条.开齿；更换型材时，一键复位，无需手调（例如：更换隔热条时的高度等）更快速更稳定。实现自动化。

☆The main method is to put the broken bridge aluminum profile through the heat insulation strip or roll the tooth pattern on the inner surface of the notch of the plastic profile to increase the diameter of the broken bridge aluminum profile andThe combined friction of the heat insulation strips is equipped with a special clamping pneumatic device, which can realize "opening the teeth, threading the strips, and sticking the film at the same time".
☆CNC adjusts the overall lifting or individual lifting. The six axes can adjust different heights and widths respectively, and can be used for all profiles.Use, (such as special–shaped profiles, high and low tables, misalignment, etc.) to automatically sense clamping bars, loose bars, and tooth openings; when replacing profiles, one–button reset,No need for manual adjustment (for example: changing the height of the insulation strip, etc.), which is faster and more stable. Automate.

电 源Power supply：380V/50Hz
总功率Total power：4.2Kw
速度Speed：0-60m/min
设备重量Equipment weight：700Kg
开齿刀直径Gear cutter diameter：90mm
外接气源压力External air source pressure：0.6-0.8Mpa
隔热条调整范围Heat insulation strip adjustment range：0-80mm
设备尺寸Equipment size：1400x1200x1600mm
开齿刀调整范围Gear cutter adjustment range：260 mmx330 mm

HJN-11CNC 铝型材十一轴数控高精密滚压复合机
Rolling Machine

【设备特点Equipment Features】 【技术参数Technical Parameters】

★将开完齿并穿好隔热条的铝型材用三组刀盘压合牢固，从而达到铝型材与隔热条紧密结合，组合成一根完整的断桥铝型材。
★11轴数控采用全伺服电机、直线导轨和滚珠丝杠控制，最大程度保证设备的整体稳定性；变频器无极调速、设备运行速度任意可调。

☆Use three sets of cutterheads to press the aluminum profile with the teeth cut out and the heat insulation strips firmly together, so as to achieve a tight combination of the aluminum profile and the heat insulation strips.Combined into a complete broken bridge aluminum profile.
☆11–axis CNC adopts full servo motor, linear guide and ball screw control to ensure the overall stability of the equipment to the greatest extent. The frequency converter has stepless speed regulation and the equipment operating speed can be adjusted at will.

型材进给速度Profile feed speed：0-60m/min
设备尺寸Equipment size：1800x1500x1700mm
滚压刀盘直径Rolling cutterhead diameter 200-240mm
两滚压刀盘间距The distance between the two rolling cutterheads is 8-88mm
最大加工型材截面尺寸Maximum processing profile cross-section size：200x280mm
电源Power supply 380V/50Hz
总功率Total power 6.35Kw
设备重量Equipment weight：1500kg

海金纳数控

HJN-WHJ4-150x4500 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)

【设备特点Equipment Features】

●塑料门窗四位无缝焊接机焊接完成后将焊瘤一次性清理完成，并可以严格控制焊接的缝隙大小，因此对彩色型材焊接完成后，表面焊口十分美观、高档、焊接强度高于原有型材的角强度。●此设备通过控制和气动系统，对焊接强度进行了增加焊接强度的处理模式，保证在不同的环境情况下的焊接强度最优，并可以通过数字参数进行量化调节。同时由于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

HJN-HJ4-150×4500 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】

- 有缝无缝可转换，配有任意角焊接功能(另定);
- 可靠性高，进口可编程序控制器(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 > >

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

海金纳数控

HJN450x3700 铝塑型材双头切割锯

Plastic profile double-end saw

【设备特点Equipment Features】

- 用于铝、塑型材的-45°、90°、45° 切割加工。
- 本机采用气压传动，直线式工进方式，进给平稳；
- 活动机头由电机拖动，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

HJN-420x3500B 铝塑型材切割锯

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

【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

HJN04-CNC 塑料门窗数控角缝清理机
PVC win-door comer 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 门窗框扇的 90°外角、外角斜面、型材上下面及胶条安装槽焊瘤焊缝的清理。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，改变了原有的只是由可编程控制器 PLC 控制的不稳定系统，彻底解决丢步问题，整机控制系统的可靠性明显提高，轻松实现斜线插补和圆弧插补、公司自主知识产权的示教方式的自动编程，操作简单 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 slash interpolation and arc interpolation. The company's independent intellectual property rights to 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.

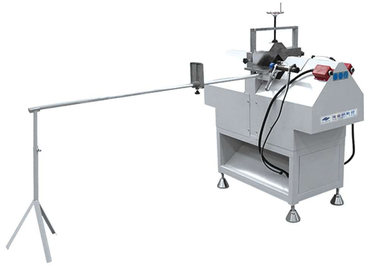
■主要技术参数 Main Technical Parameter

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：	2800r/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

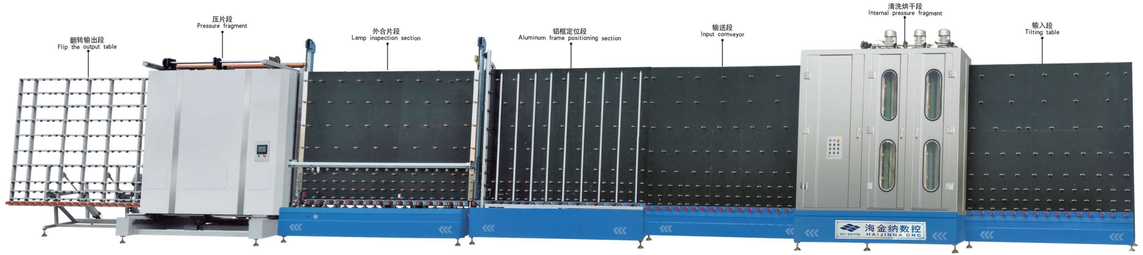
HJN02-3/4 塑料型材自动水槽铣
Water Slot Milling Machine for Plastic Profile



HJN-100 铝塑型材锁孔槽加工机
Aluminum profile biaxial copying milling machine

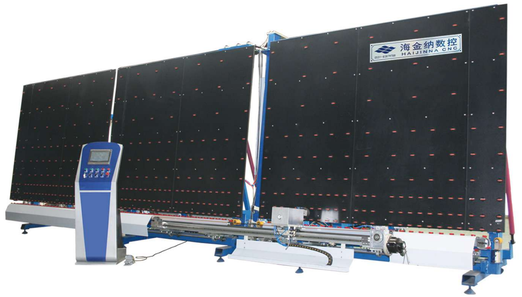
HJN4-100 四头自动螺钉紧固机
Automatic screw fastening machine

HJN 2200 /2000/1800 立式中空玻璃生产线



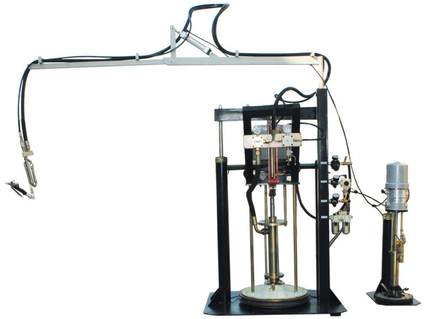
HJN-2200/2000 中空玻璃全自动封胶线

Insulating Glass Automatic Sealing Line



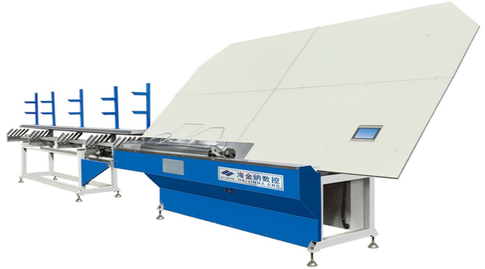
HJN03 双组份涂胶机

BST08 Type two-component coating machine



HJN02 全自动铝条折弯机

Automatic Aluminum Bar Bending Machine



HJN02 丁基胶涂布机

JT01 Buty Exturuder Machine

HJN-1600 卧式玻璃清洗干燥机

Glass-rinsing And Dryness Machine

HJN-1500 卧式合片热压机

Hot Roller Press Machine