



工业铝型材及有色金属切割加工解决方案

多角度切割 · 高精度 · 高效率

Professional Solutions For Industrial Aluminum Profiles
& Non-Ferrous Metal Cutting



多角度切割
Multi-angle Cutting



高精度
High Precision



高效率
High Efficiency



稳定耐用
Reliable & Durable

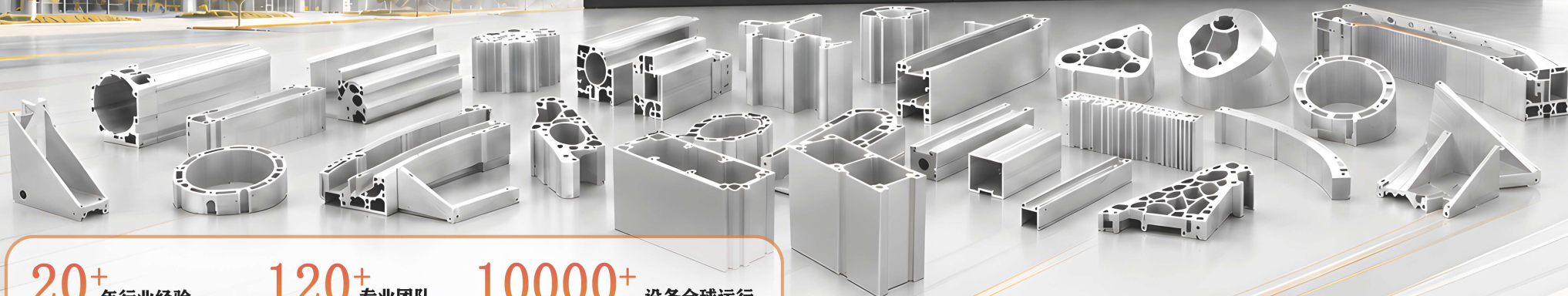


550CNC全自动转角机

九润科技
JIURUNKEJI



405X2.5X25.4X100T



20+ 年行业经验

120+ 专业团队

10000+ 设备全球运行



企业简介

COMPANY INTRODUCTION

公司概况

张家港九润机械科技有限公司为江苏省级“专精特新”中小企业，同时也是高新技术企业。是专业研发和生产工业铝型材切割设备的企业，曾获得多种产品发明专利证书和企业证书，位于中国经济发达、全国文明城市-张家港市，本公司经过多年的不断进取，研发出了一系列针对汽车零部件的专业切割设备。

公司生产的锯切设备广泛用于：新能源汽车、工业铝型材、光伏、自行车、化工、铝钢制家具、运动器材、帷幕墙、铝型材、铝门窗、空调、灯饰、硬质塑胶等加工行业。具有切割角度精确、工件切断面光洁、无毛刺、高效率省时省力之优点。为更有力的服务于国内制造业快速发展与壮大、以最具有竞争力的价格、及先进的专业锯切技术、为客户提供最佳的服务方案。

核心服务战略

①提高切割机的生产效率和切割质量，降低生产使用成本。②提高整机自动化水平和系统稳定性，完善系统功能成为其技术发展的终极目标。

战略方针

科技与人才并举，质量与品牌共创；

经营理念

真诚、迅捷、合作、共赢；构建服务网络，关注万千客户。

企业精神

当今世界，科技日新月异，信息浩如烟海，商海风起云涌。九润人以淡定的气度，专注的精神，处波澜而不惊，居殿堂而不傲，长于开拓，勇夺先机，势必风生水起，创造辉煌业绩！

九润热忱欢迎海内外新老客户莅临参观、指导和业务洽谈！

Zhangjiagang Jiurun Machinery Technology Co., Ltd. is a Jiangsu provincial-level "Specialized, Refined, Distinctive, and Innovative" (SRDI) SME and a recognized High-Tech Enterprise. Specializing in the R&D and manufacturing of industrial aluminum profile cutting equipment, the company holds numerous invention patents and corporate certifications. Located in Zhangjiagang City—a "National Civilized City" situated in one of China's economically developed regions—the company has continuously advanced over the years to develop a series of specialized cutting equipment tailored for automotive components.

The sawing equipment produced by the company is widely used in: new energy vehicles, industrial aluminum profiles, photovoltaics, bicycles, chemicals, aluminum steel furniture, sports equipment, curtain walls, aluminum profiles, aluminum doors and windows. Air conditioning, lighting, hard plastics and other processing industries. It has the advantages of precise cutting angles, smooth cut surfaces of workpieces, no burrs, high efficiency, time saving and labor saving. In order to more effectively serve the rapid development and growth of the domestic manufacturing industry.

Our core service strategy:

- ① improve the production efficiency and cutting quality of cutting machines, and reduce production and usage costs.
- ② Improving the level of overall automation and system stability, as well as improving system functionality, has become the ultimate goal of its technological development.

Our strategic policy: Technology and talent go hand in hand, quality and brand are jointly created;

Our business philosophy: Sincerity, speed, cooperation, and win-win; Build a service network and pay attention to

Our strategic policy: Technology and talent go hand in hand, quality and brand are jointly created;

In today's world, technology is advancing rapidly, information is vast, and the sea of commerce is surging. Jiurun is still calm bearing, focus on the spirit, at the waves and not surprised, the palace and not proud, good at development, brave to seize the opportunity, is bound to wind up, create brilliant achievements!

Jiurun warmly welcomes new and old customers from home and abroad to visit, guide, and negotiate business with us!



零尾料
TAILLESS



高精度
HIGH PRECISION



高效率
HIGH EFFICIENCY

20+

企业成立20年
20 Years in Business

100+

企业员工100多名
Over 100 employees

500+

每年稳定客户资源500多家
We maintain a stable base of
over 500 clients annually

1500+

企业年销售量1500多台
The company's annual sales
volume exceeds 1500 units

10000+

工厂占地10000多平方米
The factory covers an area of
over 10,000 square meters

我们的核心产品

Our core products

我们全线自主研发铝型材双头切割锯、单头精切机、数控任意角切割机、除尘回收一体化机组、自动送料下料生产线等核心设备，从型材上料、精准裁切、粉尘净化到成品出料实现全流程自动化闭环生产。设备采用加厚精密机身、进口数控系统、硬质合金专用锯片，兼顾切割光洁度、尺寸公差与长期耐用性，适配新能源汽车、工业铝型材、铝管材、光伏边框等各类铝材加工，大幅降低人工损耗、提升成品良率。

We independently develop a full range of core equipment—including double-head and single-head precision saws, CNC arbitrary-angle cutting machines, integrated dust collection and recovery units, and automated feeding and unloading lines—to achieve a fully automated, closed-loop production process spanning profile loading, precision cutting, dust purification, and finished product discharge. Featuring heavy-duty precision machine bodies, imported CNC systems, and specialized carbide saw blades, our equipment balances cutting finish, dimensional accuracy, and long-term durability. It is suitable for processing various aluminum materials—such as those for new energy vehicles, industrial profiles, aluminum tubing, and photovoltaic frames—thereby significantly reducing labor-related losses and increasing the yield rate of finished products.





新能源汽车零部件加工
New energy auto parts processing

交通工具加工应用-飞机
Transportation processing applications-plane

散热片加工应用
Heat sink processing applications

航太零件加工应用
Aerospace parts processing applications

帷幕墙加工
Curtain wall processing

铝门窗铝挤型加工应用
Aluminum doors and windows Aluminum extrusion processing applications

缆车零件加工应用
Cable car parts processing applications

太阳能光伏应用
Solar photovoltaic processing applications

样品展示
Supplier brand

荣誉资质

Honorary qualifications

权威资质认证，铸就卓越品质
全项合规认证，品质全程可控
匠心深耕品质，资质护航远行
Authoritative Certifications:
Forging Exceptional Quality
Comprehensive Compliance:
Ensuring Quality Control at
Every Stage
Dedicated Craftsmanship:
Cultivating Quality; Creden-
tials Pave the Way for Future
Success



合作伙伴

Partners

相知相守，互利共生。每一份信任都弥足珍贵，每一次协作都凝聚力量。
感谢全体合作伙伴始终坚守品质、高效配合、同心同行。
我们珍视长久稳固的合作情谊，秉持诚信共赢理念，深耕务实、双向赋能，彼此成就，共赴锦绣前程。

Standing together in mutual understanding and steadfast commitment, we thrive through symbiotic partnership. Every act of trust is invaluable, and every instance of collaboration serves to consolidate our collective strength.

We extend our deepest gratitude to all our partners for their unwavering dedication to quality, their highly efficient cooperation, and their steadfast solidarity.

We cherish our enduring and stable partnerships; guided by the principles of integrity and mutual benefit, we remain grounded in pragmatism, engage in reciprocal empowerment, and strive to help one another succeed as we journey together toward a brilliant future.



*与西门子公司是战略合作伙伴 It is a strategic partner of Siemens.

JR-455Q

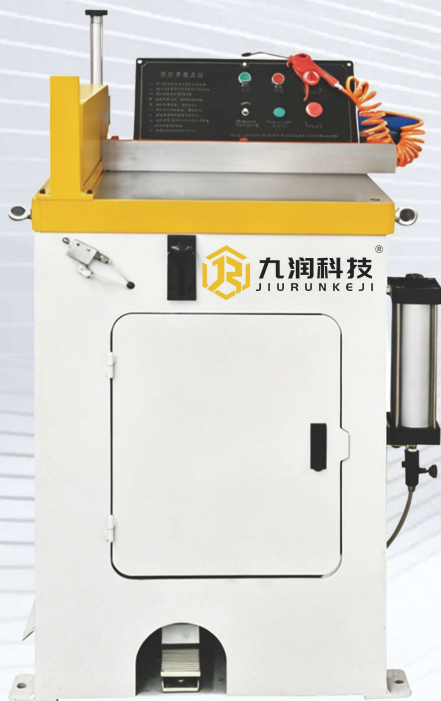
半自动铝切机

Semi-automatic aluminum cutting machine

性能特点 Performance characteristics

- ▶ 切割过程中自动喷油雾，具有冷却和润滑作用；
Oil mist is automatically sprayed during the cutting process, providing both cooling and lubrication.
- ▶ 使用夹具（可选）时，机器可进行 90°切断或 45°切割；
With the use of a fixture (optional), the machine can perform 90° or 45° cuts.
- ▶ 只需踩下脚踏开关，机器就会自动夹紧工件、自动喷油、自动切割，安全又省力。

Simply step on the foot pedal, and the machine automatically clamps the workpiece, sprays oil, and performs the cut—ensuring safety and reducing physical effort.



JR-455Y

液压横切半自动铝切机

Hydraulic crosscutting semi-automatic aluminum cutting machine

性能特点 Performance characteristics

- ▶ 隐藏式锯片，可安全上下工作；
Hidden saw blade, can work up and down safely.
- ▶ 夹紧装置由电气控制，切割的程序由液压控制；
The clamping device is electrically controlled, and the cutting process is hydraulically controlled.
- ▶ 一次可单支或多支切割，少量或大批量生产皆适宜；
A single piece or multiple pieces at a time, and is suitable for both small-scale and large-scale production.



产品参数 Product parameters

机型 Model	JR-455Q半自动/液压横切 Semi automatic/Hydraulic crosscutting	JR-505Q半自动/液压横切 Semi automatic/Hydraulic crosscutting	JR-610Y液压横切 Hydraulic crosscutting
主电机功率Cutting motor power	4KW/4KW	4KW/5.5KW	7.5KW
主轴转速Spindle speed	3000rpm/3000rpm	3000rpm/3000rpm	2200rpm
锯片规格Saw blade specifications	Φ305-Φ455mm 内孔 Inner hole 25.4mm	Φ305-Φ505mm 内孔 Inner hole 25.4mm	Φ305-Φ610mm 内孔 Inner hole 25.4mm
切割角度Cutting angle	90°/90°	90°/90°	90°
最大锯切高度Maximum sawing height	125mm/125mm	155mm/150mm	210mm
最大锯切宽度Maximum sawing width	300mm/360mm	320mm/420mm	470mm
锯切能力圆形Sawing capacity circular	120mm/125mm	155mm/150mm	210mm
锯切能力方形Sawing capacity square	110*110mm/120*120mm	140*140mm/145*145mm	190*190mm
电压 Voltage	国内380V 50HZ 国外依客户所需定制Domestic 380V 50HZ, customized according to customer needs overseas		
所需空压 Required air pressure	5-8kg/cm ²	5-8kg/cm ²	5-8kg/cm ²
进刀方式 Feed method	上下进刀 / 液压进刀Up and down feed / Hydraulic feed		
压料方式 Material pressing method	气动 Pneumatic		
机器尺寸 Machine size	800*800*1650mm/1500*800*1600mm	850*850*1750mm/1600*800*1800mm	1700*1000*1900mm
重量 Weight	0.32T/0.35T	0.35T/0.65T	0.8T
适用材料 Applicable materials	适合锯切新能源汽车零部件、散热片、铝材、铜材、pvc、塑钢材料、电木板、亚克力塑胶、铁氟龙、蜂巢板、木板等非铁金属材料 Suitable for sawing new energy vehicle parts, heat sinks, aluminum, copper, PVC, plastic steel, bakelite, acrylic plastic, PTFE, honeycomb board, wood board and other non-ferrous metal materials		

JR-455CNC

全自动数控上下进刀铝切机

Fully automatic CNC upper and lower feed aluminum cutting machine

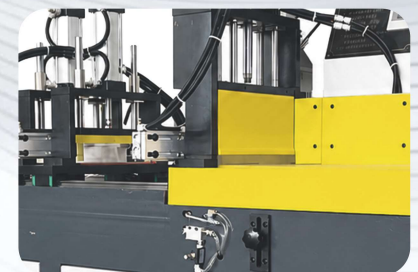
性能特点 Performance characteristics

- ✦ 配有伺服自动送料、自动夹紧装置，运行平稳、操作方便；
It is equipped with servo automatic feeding and automatic clamping devices, ensuring smooth operation and convenient operation.
- ✦ 自动送料行程最大 700mm；
The maximum automatic feeding stroke is 700mm
- ✦ 压料配有防伤材料装置，薄壁夹不变形，无毛刺。
The pressing material is equipped with an anti-injury material device. The thin-walled clamps do not deform and have no burrs.

细节展示 Detailed Views



送料装置 Feeding Device



压料装置 Hold-down Device

产品参数 Product parameters

机型 Model	JR-455CNC
主电机功率Cutting motor power	5.5KW
主轴转速 Spindle speed	2900rpm
锯片规格Saw blade specifications	Φ355-Φ455mm 内孔 Inner hole 25.4mm
切割角度 Cutting angle	90°
最大锯切高度Maximum sawing height	125mm
最大锯切宽度 Maximum sawing width	270mm
电压 Voltage	国内380V 50HZ 国外依客户所需定制Domestic 380V 50HZ, customized according to customer needs overseas
切割精度 Cutting accuracy	±0.1mm
所需空压 Required air pressure	4-6kg/cm ²
送料伺服电机功率 Feeding servo motor power	0.85KW
出、入料架长度 Length of infeed and outfeed racks	依客户所需定制 Customized according to customer needs
单次送料最大行程 Maximum single feeding stroke	标准700mm，定制可达700-6000mm Standard 700 mm; customizable from 700 mm to 6,000 mm.
适用材料 Applicable materials	适合锯切新能源汽车零部件、散热片、铝材、铜材、pvc、塑钢材料、电木板、亚克力塑胶、铁氟龙、蜂巢板、木板等非铁金属材料 Suitable for sawing new energy vehicle parts, heat sinks, aluminum, copper, PVC, plastic steel, bakelite, acrylic plastic, PTFE, honeycomb board, wood board and other non-ferrous metal materials

JR-650CNC-3A-1S

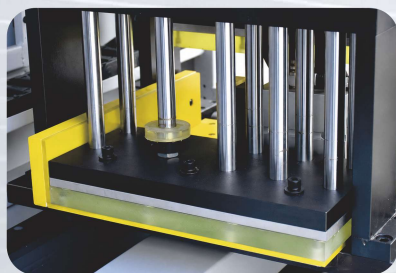
横切全自动数控铝切机-无尾料机型

Crosscutting automatic CNC aluminum cutting machine tailless model

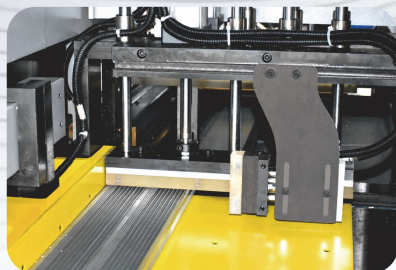
性能特点 Performance characteristics

- 自动进料、定位、喷油和切割;
Automatic feeding, positioning, oil spraying and cutting.
- 自动进料行程 1200 毫米, 往复行程不受限制;
Automatic feeding stroke: 1200 mm. Reciprocating length is unlimited.
- 滚珠丝杠由伺服电机驱动, 精度极高;
Ball screw is driven by servo motor for high accuracy.
- 配备14寸显示屏, PLC 具有极其稳定的控制性能;
Equipped with a 14-inch display screen.
The PLC has extremely stable control performance.
- 可选设备: 进料/出料架, 吸尘器, 锯片, 切割宽度, 最大送料行程。
Optional equipment: Feed rack / Discharge rack, Vacuum cleaner,
Saw blade, Cutting width, Maximum
feeding stroke.

细节展示 Detailed Views



送料装置 Feeding Device



压料装置 Hold-down Device

产品参数 Product parameters

机型 Model	JR-650CNC-3A-1S	JR-750CNC-3A-1S	JR-850CNC-3A-1S
主电机功率Cutting motor power	11KW(伺服servo)	15KW(伺服servo)	18KW(伺服servo)
主轴转速Spindle speed	0-3000rpm	0-2800rpm	0-2500rpm
锯片规格Saw blade specifications	Φ305-Φ650mm 内孔 Inner hole 25.4mm	Φ305-Φ750mm 内孔 Inner hole 38mm	Φ305-Φ850mm 内孔 Inner hole 38mm
切割角度 Cutting angle	90°	90°	90°
最大锯切高度Maximum sawing height	230mm	270mm	320mm
最大锯切宽度Maximum sawing width	450mm	500mm	550mm
电压 Voltage	国内380V 50HZ 国外依客户所需定制Domestic 380V 50HZ, customized according to customer needs overseas		
切割精度 Cutting accuracy	±0.1mm	±0.1mm	±0.1mm
所需空压 Required air pressure	5-8kg/cm ²	5-8kg/cm ²	5-8kg/cm ²
送料伺服电机功率 Feeding servo motor power	1.5KW	1.5KW	2KW
进刀伺服电机功率 Feed servo motor power	1KW	1KW	1.5KW
拉尾料伺服电机功率 Tailing servo motor power	0.75KW	0.75KW	1KW
出、入料架长度 Length of infeed and outfeed racks	依客户所需定制 Customized according to customer needs		
吸尘器功率 Vacuum cleaner power	4KW	5.5KW	7.5KW
单次送料最大行程 Maximum single feeding stroke	1200mm	1200mm	1200mm
机器尺寸 Machine size	3200*2150*1850mm	3250*2180*1900mm	3300*2200*1900mm
重量 Weight	2.8T	3.5T	4T
适用材料 Applicable materials	适合锯切新能源汽车零部件、散热片、铝材、铜材、pvc、塑料材料、电木板、亚克力塑胶、铁氟龙、蜂巢板、木板等非铁金属材料 Suitable for sawing new energy vehicle parts, heat sinks, aluminum, copper, PVC, plastic steel, bakelite, acrylic plastic, PTFE, honeycomb board, wood board and other non-ferrous metal materials		





JR-510CNC-3A-1S

全自动数控横切铝切机—拉尾料机型

Fully automatic CNC cross cutting aluminum cutting machine – tail material machine model

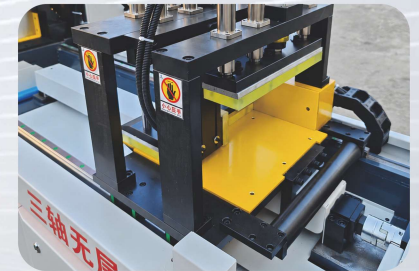
性能特点 Performance characteristics

- ✘ 配有伺服电机自动送料、自动定位、自动锯切、运行平稳、操作方便；
Equipped with servo motors for automatic feeding, automatic positioning, and automatic cutting, it operates smoothly and is easy to operate.
- ✘ 自动送料行程最大 1000mm 可往复送料；
The maximum automatic feeding stroke is 1000mm and it can reciprocate for feeding.
- ✘ 压料配有防伤材料装置，薄壁夹不变形，无毛刺；
The clamping device is equipped with a protective material device, preventing deformation of thin-walled clamps and eliminating burrs.
- ✘ 本机可实现无尾料锯切。
This machine can achieve automatic cutting without tail waste.

产品参数 Product parameters

机型 Model	JR-355CNC-3A-1S	JR-405CNC-3A-1S	JR-510CNC-3A-1S
主电机功率 Cutting motor power	5.5KW (永磁伺服电机 Permanent magnet servo motor)	7.5KW (永磁伺服电机 Permanent magnet servo motor)	11KW (永磁伺服电机 Permanent magnet servo motor)
主轴转速 Spindle speed	0-3000rpm	0-3000rpm	0-3000rpm
锯片规格 Saw blade specifications	Φ205-Φ355mm 内孔 Inner hole 30mm	Φ205-Φ405mm 内孔 Inner hole 30mm	Φ305-Φ510mm 内孔 Inner hole 30mm
切割角度 Cutting angle	90°	90°	90°
最大锯切高度 Maximum sawing height	100mm	120mm	170mm
最大锯切宽度 Maximum sawing width	260mm	320mm	330mm
电压 Voltage	国内 380V 50HZ 国外依客户所需定制 Domestic 380V 50HZ, customized according to customer needs overseas		
切割精度 Cutting accuracy	±0.1mm	±0.1mm	±0.1mm
所需空压 Required air pressure	5-8kg/cm ²	5-8kg/cm ²	5-8kg/cm ²
送料伺服电机功率 Feeding servo motor power	0.75KW	0.85KW	0.85KW
进刀伺服电机功率 Feed servo motor power	0.75KW	0.85KW	0.85KW
拉尾料伺服电机功率 Tailing servo motor power	0.4KW	0.75KW	0.75KW
出、入料架长度 Length of infeed and outfeed racks	依客户所需定制 Customized according to customer needs		
吸尘器功率 Vacuum cleaner power	3KW	4KW	4KW
单次送料最大行程 Maximum single feeding stroke	600mm	800mm	1000mm
适用材料 Applicable materials	适合锯切新能源汽车零部件、散热片、铝材、铜材、pvc、塑钢材料、电木板、亚克力塑胶、铁氟龙、蜂巢板、木板等非铁金属材料 Suitable for sawing new energy vehicle parts, heat sinks, aluminum, copper, PVC, plastic steel, bakelite, acrylic plastic, PTFE, honeycomb board, wood board and other non-ferrous metal materials		

细节展示 Detailed Views



送料装置 Feeding Device



压料装置 Hold-down Device

JR-455CNC-2A-1S

横切全自动数控铝切机-分料机型

Crosscutting automatic CNC aluminum cutting machine-Material separation model

性能特点 Performance characteristics

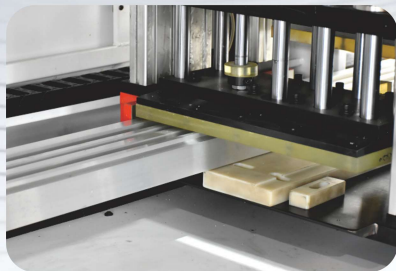
- ✦ 配有伺服进刀、伺服自动送料、自动夹紧装置，运行平稳、操作方便；
Equipped with servo feed-in, servo automatic feeding, and automatic clamping device, it operates smoothly and is easy to operate.
- ✦ 自动送料行程最大 1000mm 可往复送料；
The maximum automatic feeding stroke is 1000mm and it can reciprocate feeding.
- ✦ 冷却系统使机器长时间运行，润滑锯片增加使用寿命；
The cooling system enables the machine to operate for a long time, lubricating the saw blade to increase its service life.
- ✦ 压料配有防伤材料装置，薄壁夹不变形，无毛刺。
The pressing device is equipped with a safety material device, preventing the thin-walled clamp from deforming and leaving no burrs.



细节展示 Detailed Views



送料装置 Feeding Device



压料装置 Hold-down Device

产品参数 Product parameters

机型 Model	JR-455CNC-2A-1S	JR-550CNC-2A-1S	JR-650CNC-2A-1S
主电机功率 Cutting motor power	5.5KW	5.5KW	7.5KW
主轴转速 Spindle speed	2900rpm	2800rpm	2100rpm
锯片规格 Saw blade specifications	Φ205-Φ455mm 内孔 Inner hole 25.4mm	Φ205-Φ550mm 内孔 Inner hole 25.4mm	Φ205-Φ650mm 内孔 Inner hole 25.4mm
切割角度 Cutting angle	90°	90°	90°
最大锯切高度 Maximum sawing height	125mm	180mm	230mm
最大锯切宽度 Maximum sawing width	360mm	380mm	450mm
电压 Voltage	国内380V 50HZ 国外依客户所需定制 Domestic 380V 50HZ, customized according to customer needs overseas		
切割精度 Cutting accuracy	±0.1mm	±0.1mm	±0.1mm
所需空压 Required air pressure	5-8kg/cm ²	5-8kg/cm ²	5-8kg/cm ²
送料伺服电机功率 Feeding servo motor power	0.85KW	1.3KW	1.3KW
进刀伺服电机功率 Feed servo motor power	0.85KW	0.85KW	1.3KW
出、入料架长度 Length of infeed and outfeed racks	依客户所需定制 Customized according to customer needs		
吸尘器功率 Vacuum cleaner power	4KW	4KW	4KW
单次送料最大行程 Maximum single feeding stroke	1000mm	1000mm	1000mm
适用材料 Applicable materials	适合锯切新能源汽车零部件、散热片、铝材、铜材、pvc、塑钢材料、电木板、亚克力塑胶、铁氟龙、蜂巢板、木板等非铁金属材料 Suitable for sawing new energy vehicle parts, heat sinks, aluminum, copper, PVC, plastic steel, bakelite, acrylic plastic, PTFE, honeycomb board, wood board and other non-ferrous metal materials		

JR-550Q

单头锯转角机

Single head saw corner machine

性能特点 Performance characteristics

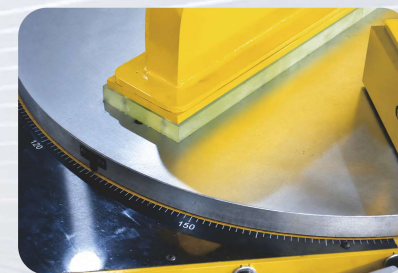
- ▶ 隐藏式锯片，可以安全的上下工作；
Hidden saw blade, allowing for safe up and down operation.
- ▶ 自动喷油，切面无毛刺，锯片更耐用；
Automatic oil spraying ensures no burrs on the cut surface and makes the saw blade more durable.
- ▶ 夹紧切割的程序由电气控制；
The clamping and cutting program is electrically controlled.



产品参数 Product parameters

机型 Model	JR-550Q	JR-650Q
主电机功率Cutting motor power	4KW	5.5KW
主轴转速Spindle speed	3000rpm	3000rpm
锯片规格Saw blade specifications	Φ355-Φ550mm 内孔 Inner hole 30mm	Φ355-Φ650mm 内孔 Inner hole 30mm
切割角度 Cutting angle	35°-145°以内任意角 角度公差0-0.15° Any angle within 35°-145°with a tolerance of 0-0.15°	
最大锯切高度 Maximum sawing height	175mm	225mm
最大锯切宽度Maximum sawing width	350mm	400mm
电压 Voltage	国内380V 50HZ 国外依客户所需定制Domestic 380V 50HZ, customized according to customer needs overseas	
切割精度 Cutting accuracy	±0.1mm	±0.1mm
所需空压 Required air pressure	5-8kg/cm ²	5-8kg/cm ²
机器尺寸 Machine size	1200*1000*2000mm	1600*1400*2100mm
重量 Weight	0.55T	0.9T
适用材料 Applicable materials	适合锯切新能源汽车零部件、散热片、铝材、铜材、pvc、塑钢材料、电木板、亚克力塑胶、铁氟龙、蜂巢板、木板等非铁金属材料 Suitable for sawing new energy vehicle parts, heat sinks, aluminum, copper, PVC, plastic steel, bakelite, acrylic plastic, PTFE, honeycomb board, wood board and other non-ferrous metal materials	

细节展示 Detailed Views



转角装置 Corner Device



压料装置 Hold-down Device

JR-550

新能源汽车通用型任意角度双头转角锯

New energy vehicle general type arbitrary Angle double head corner saw

性能特点 Performance characteristics

- ▶ 自动冷却、自动切割、运行平稳、操作方便;
cool down automatic oil injection, automatic cutting,
smooth operation and convenient operation.
- ▶ 可作 35-145° 切割, 任意角度调节, 长度可任意调节;
It can be cut at 35 to 145 degrees,
with any Angle adjustment and the length can be adjusted freely.
- ▶ 压料配有防伤材料装置, 薄壁夹不变形, 无毛刺。
The pressing material is equipped with an anti-injury material device.
The thin-walled clamps do not deform and have no burrs.

细节展示 Detailed Views



压料装置 Hold-down Device



样品参考 Sample Showcase

产品参数 Product parameters

机型 Model	JR-550	JR-650
主电机功率 Cutting motor power	4KW	5.5KW
主轴转速 Spindle speed	3000rpm	3000rpm
锯片规格 Saw blade specifications	Φ355-Φ550mm 内孔 Inner hole 25.4mm	Φ305-Φ650mm 内孔 Inner hole 25.4mm
切割角度 Cutting angle	35°-145°以内任意角 角度公差0-0.15° Any angle within 35°-145° with a tolerance of 0-0.15°	
最大锯切高度 Maximum sawing height	175mm	225mm
最大锯切宽度 Maximum sawing width	360mm	400mm
最短切割长度 Minimum cutting length	900mm	900mm
最长切割长度 Maximum cutting length	依客户所需定制 Customized according to customer needs	
电压 Voltage	国内380V 50HZ 国外依客户所需定制 Domestic 380V 50HZ, customized according to customer needs overseas	
切割精度 Cutting accuracy	±0.1mm	±0.1mm
所需空压 Required air pressure	5-8kg/cm ²	5-8kg/cm ²
重量 Weight	1.5T	1.9T
适用材料 Applicable materials	适合锯切新能源汽车零部件、散热片、铝材、铜材、pvc、塑钢材料、电木板、亚克力塑胶、铁氟龙、蜂巢板、木板等非铁金属材料 Suitable for sawing new energy vehicle parts, heat sinks, aluminum, copper, PVC, plastic steel, bakelite, acrylic plastic, PTFE, honeycomb board, wood board and other non-ferrous metal materials	



JR-550CNC-CORNER

全自动转角三轴无尾料切铝机

Fully Automatic 3-Axis Corner Aluminum Cutting Machine

性能特点 Performance characteristics

- 自动进料、定位、喷油和切割;
Automatic feeding, positioning, oil spraying and cutting
- 自动进料行程 4500 毫米, 往复行程不受限制;
Automatic feeding stroke: 4500 mm. Reciprocating length is unlimited.
- 滚珠丝杠由伺服电机驱动, 精度极高;
Ball screw is driven by servo motor for high accuracy
- 配备14寸显示屏, PLC 具有极其稳定的控制性能;
Equipped with a 14-inch display screen.
The PLC has extremely stable control performance
- 可选设备: 进料/出料架, 吸尘器, 锯片, 切割宽度, 最大送料行程

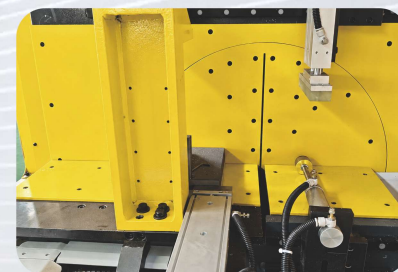
Optional equipment: Feed rack / Discharge rack, Vacuum cleaner, Saw blade, Cutting width, Maximum feeding stroke.

产品参数 Product parameters

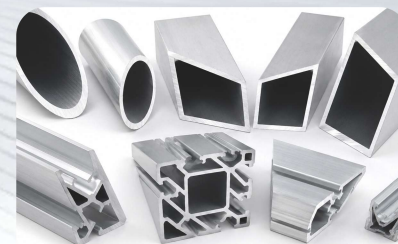
机型 Model	JR-550CNC-CORNER
主电机功率 Cutting motor power	11KW(永磁伺服电机Permanent magnet servo motor)
主轴转速 Spindle speed	3000rpm
锯片规格 Saw blade specifications	Φ405-Φ550mm 内孔 Inner hole 30mm
切割角度 Cutting angle	30°-140°
最大锯切高度 Maximum sawing height	270mm
最大锯切宽度 Maximum sawing width	170mm
电压 Voltage	国内380V 50HZ 国外依客户所需定制Domestic 380V 50HZ, customized according to customer needs overseas
切割精度 Cutting accuracy	±0.1mm
所需空压 Required air pressure	4-6kg/cm ²
送料伺服电机功率 Feeding servo motor power	1.3KW
进刀伺服电机功率 Feed servo motor power	0.75KW
转角伺服电机功率 Right-angle servo motor power	1.8KW
拉尾料伺服电机功率 Tailing servo motor power	0.75KW
出、入料架长度 Length of infeed and outfeed racks	依客户所需定制 Customized according to customer needs
吸尘器功率 Vacuum cleaner power	4KW/5.5KW
单次送料最大行程 Maximum single feeding stroke	4500mm
机器尺寸 Machine size	6542*2108*1962mm
重量 Weight	2.5T
适用材料 Applicable materials	适合锯切新能源汽车零部件、散热片、铝材、铜材、pvc、塑料材料、电木板、亚克力塑胶、铁氟龙、蜂巢板、木板等非铁金属材料 Suitable for sawing new energy vehicle parts, heat sinks, aluminum, copper, PVC, plastic steel, bakelite, acrylic plastic, PTFE,honeycomb board, wood board and other non-ferrous metal materials



细节展示 Detailed Views



切割装置 Cutting Device



样品参考 Sample Showcase

JR-505CNC

新能源汽车角度锯切专机(多头锯)

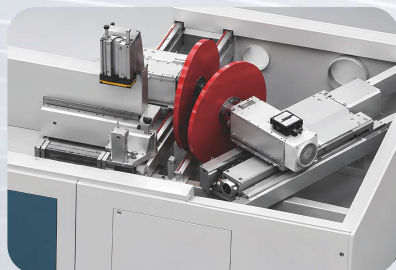
New energy vehicle angle sawing machine (Multi-head saw)

性能特点 Performance characteristics

- ✧ 配有伺服电机自动送料、自动锯切、自动喷油;
It is equipped with a servo motor for automatic feeding, automatic sawing and automatic oil spraying.
- ✧ 由同一系统驱动, 确保两端切割长度误差 ± 10 丝;
Driven by the same system, it ensures that the cutting length error at both ends is ± 10 microns.
- ✧ 可作 $35-145^\circ$ 切割, 适用于切割汽车零部件。
It can be cut at 35 to 145 degrees and is suitable for cutting automotive parts.



细节展示 Detailed Views



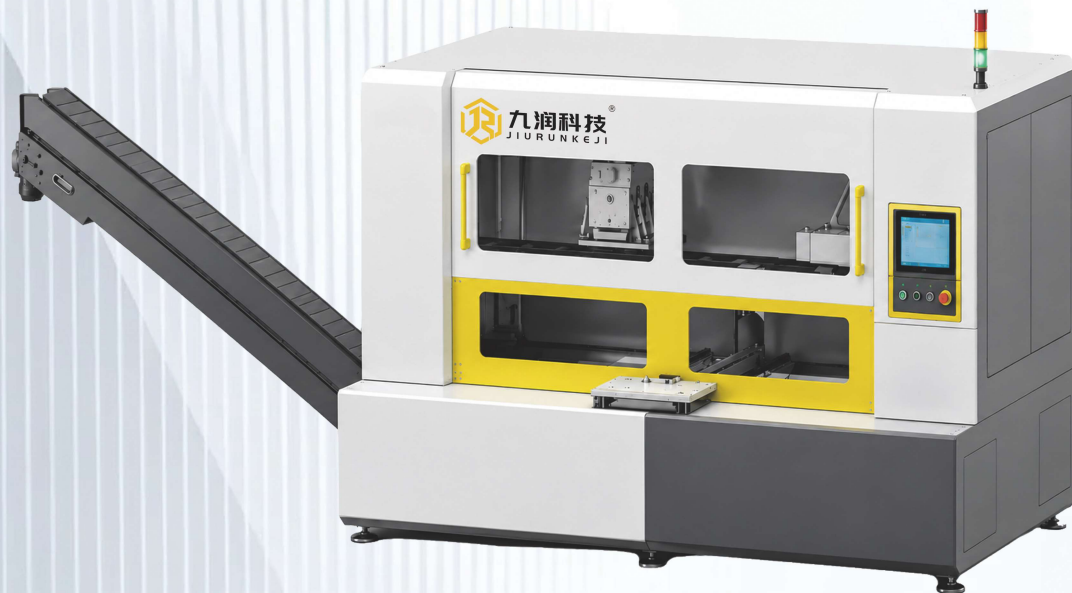
切割装置 Cutting Device



样品参考 Sample Showcase

产品参数 Product parameters

机型 Model	JR-505CNC
主电机功率 Cutting motor power	5.8KW
主轴转速 Spindle speed	0-3000rpm
锯片规格 Saw blade specifications	$\Phi 305-\Phi 505\text{mm}$ 内孔 Inner hole 30mm
切割角度 Cutting angle	45° 角度公差 angle tolerance $0-0.2^\circ$
进刀驱动方式 Feed drive mode	伺服电机+滚珠螺杆驱动(伺服进刀)(Servo motor + ball screw drive (servo feed))
锯切所需时间 Sawing time required	45s以内 (less than 45s)
电压 Voltage	国内380V 50HZ 国外依客户所需定制 Domestic 380V 50HZ, customized according to customer needs overseas
切割精度 Cutting accuracy	$\pm 0.1\text{mm}$
所需空压 Required air pressure	5-8kg/cm ²
开关伺服电机功率 Open and close door servo motor power	0.75KW
进刀伺服电机功率 Feed servo motor power	1.3KW
出、入料架长度 Length of infeed and outfeed racks	依客户所需定制 Customized according to customer needs
吸尘器功率 Vacuum cleaner power	4KW
机器尺寸 Machine size	3860*2000*1980mm
重量 Weight	1.8T
适用材料 Applicable materials	适合锯切新能源汽车零部件、散热片、铝材、铜材、pvc、塑钢材料、电木板、亚克力塑胶、铁氟龙、蜂巢板、木板等非铁金属材料 Suitable for sawing new energy vehicle parts, heat sinks, aluminum, copper, PVC, plastic steel, bakelite, acrylic plastic, PTFE, honeycomb board, wood board and other non-ferrous metal materials



JR-505CNC

双头自动转角机

Double-head automatic corner machine

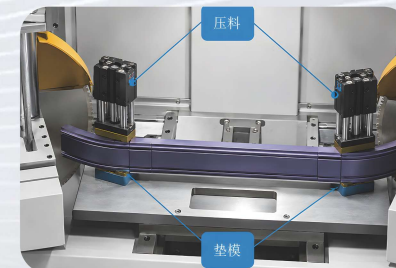
性能特点 Performance characteristics

- 双头同步自动下料，一次成型两端角度，产能翻倍；
Double-head synchronous automatic cutting, one-step forming for both ends, double productivity.
- 全闭环伺服定尺，切割精度高，切面光洁无毛刺；
Full closed-loop servo positioning, high cutting accuracy, smooth burr-free surface.
- 数控智能触控系统，程序一键存储，换型高效快捷。
Intelligent CNC touch control, one-click program storage, fast model switching.

产品参数 Product parameters

机型 Model	JR-505 Double-head corner saw
主电机功率 Cutting motor power	2*5.8KW
主轴转速 Spindle speed	2800rpm
锯片规格 Saw blade specifications	Φ505mm 内孔 Inner hole 30mm(二张 2pcs)
切割角度 Cutting angle	360°
最大切割长度 Maximum cutting length	2600mm
最小切割长度 Minimum cutting length	600mm
电压 Voltage	国内380V 50HZ 国外依客户所需定制 Domestic 380V 50HZ, customized according to customer needs overseas
切割精度 Cutting accuracy	±0.1mm
所需空压 Required air pressure	5-8kg/cm ²
送料伺服电机功率 Feeding servo motor power	1.5KW(IP54 7个)
出、入料架长度 Length of infeed and outfeed racks	依客户所需定制 Customized according to customer needs
适用材料 Applicable materials	适合锯切新能源汽车零部件、散热片、铝材、铜材、pvc、塑钢材料、电木板、亚克力塑胶、铁氟龙、蜂巢板、木板等非铁金属材料 Suitable for sawing new energy vehicle parts, heat sinks, aluminum, copper, PVC, plastic steel, bakelite, acrylic plastic, PTFE, honeycomb board, wood board and other non-ferrous metal materials

细节展示 Detailed Views



压料装置 Hold-down Device



样品参考 Sample Showcase

*此产品主要针对新能源汽车前后保险杠、工字梁、门槛梁的多角度切割一次性切到位

This product is primarily designed for the multi-angle, single-pass cutting of front and rear bumpers, I-beams, and rocker panels for new energy vehicles.

JR-650CNC-3A-1S

横切全自动数控铝切机-无尾料机型

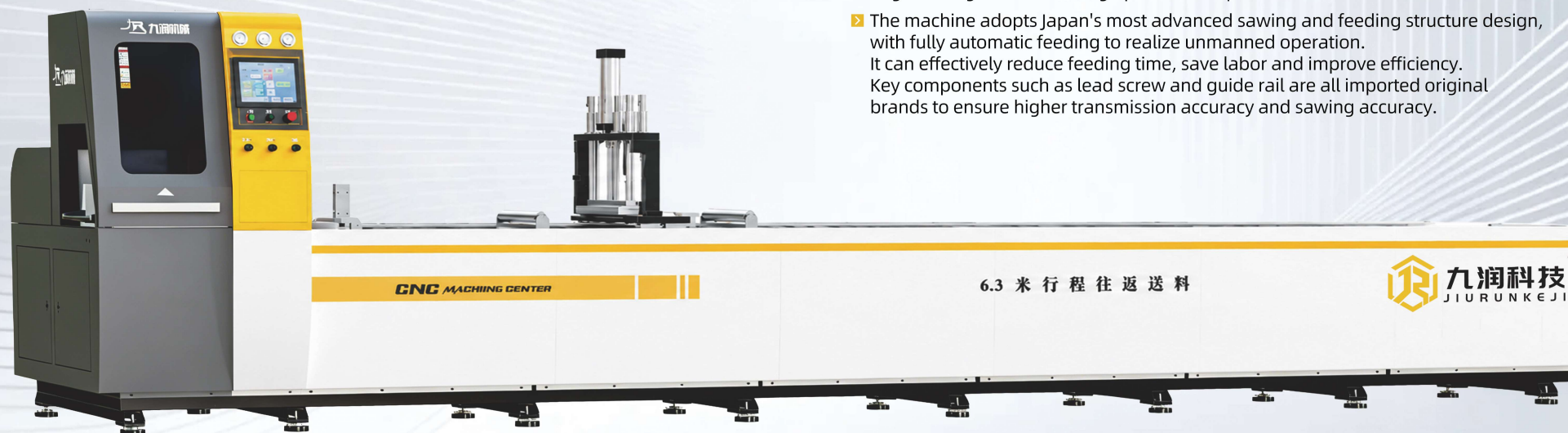
Automatic CNC aluminum cutting machine 6 meters stroke — tailless model

性能特点

- ✦ 配有伺服电机自动送料、自动定位、自动喷油、自动锯切、自动分料、运行平稳、操作方便；
- ✦ 适用于10mm~6000mm的型材切割，自动送料行程最大 6300mm 可往复送料；
- ✦ 冷却系统使机器长时间运行，润滑锯片增加使用寿命；
- ✦ 压料配有防伤材料装置，薄壁夹不变形，无毛刺；
- ✦ 采用合金锯片切割，节省材料的浪费，锯片切割寿命长，并可反复修磨切割；
- ✦ 本机可实现无尾料锯切，其最大特点是无需重复送料，一次送料可切割；
- ✦ 能锯切多种界面形状的铝型材、铜型材、PVC 等材料，应用于锯切量大、精度高等各行业产品；
- ✦ 本机采用日本最先进的锯切及送料结构设计，全自动送料，实现无人化操作，可以有效缩减送料时间，节省人工，提高效率。丝杆，导轨等关键部件均采用原装进口品牌，从而保证更高的传动精度和锯切精度。

Performance characteristics

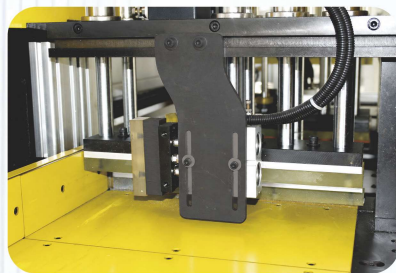
- ✦ Equipped with servo motor for automatic feeding, automatic positioning, automatic oil spraying, automatic sawing, automatic material separation, stable operation and convenient operation.
- ✦ Suitable for cutting profiles ranging from 10mm to 6000mm; features an automatic feeding stroke of up to 6300mm with reciprocating feeding capability.
- ✦ The pressing device is equipped with a material damage prevention device, so thin-walled materials will not be clamped and deformed, with no burrs.
- ✦ The cooling system allows the machine to run for a long time and lubricates the saw blade to extend its service life.
- ✦ Adopt alloy saw blade for cutting, which saves material waste, has a long cutting life, and can be repeatedly sharpened for cutting.
- ✦ This machine can realize tailings-free sawing. Its biggest feature is that no repeated feeding is required, and cutting can be done with one-time feeding.
- ✦ It can saw various cross-sectional shapes of aluminum profiles, copper profiles, PVC and other materials, and is applied to various industry products with large sawing volume and high precision requirements.
- ✦ The machine adopts Japan's most advanced sawing and feeding structure design, with fully automatic feeding to realize unmanned operation. It can effectively reduce feeding time, save labor and improve efficiency. Key components such as lead screw and guide rail are all imported original brands to ensure higher transmission accuracy and sawing accuracy.



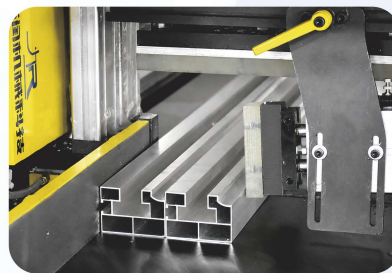
细节展示 Detailed Views



送料装置 Feeding Device



压料装置 Hold-down Device



侧夹装置 Side-Clamping Device



切割装置 Cutting Device

产品参数 Product parameters

机型 Model	JR-455CNC-3A-1S	JR-550CNC-3A-1S	JR-650CNC-3A-1S
主电机功率 Cutting motor power	6.5KW	8.5KW	11KW
主轴转速 Spindle speed	0-3000rpm	0-3000rpm	0-2500rpm
锯片规格 Saw blade specifications	Φ305-Φ455mm 内孔 Inner hole 25.4mm	Φ305-Φ550mm 内孔 Inner hole 25.4mm	Φ305-Φ650mm 内孔 Inner hole 25.4mm
切割角度 Cutting angle	90°	90°	90°
最大锯切高度 Maximum sawing height	140mm	180mm	230mm
最大锯切宽度 Maximum sawing width	320mm	380mm	420mm
电压 Voltage	国内380V 50HZ 国外依客户所需定制 Domestic 380V 50HZ, customized according to customer needs overseas		
切割精度 Cutting accuracy	±0.1mm	±0.1mm	±0.1mm
所需空压 Required air pressure	5-8kg/cm ²	5-8kg/cm ²	5-8kg/cm ²
送料伺服电机功率 Feeding servo motor power	1.3KW	1.8KW	1.8KW
进刀伺服电机功率 Feed servo motor power	1.3KW	1.3KW	1.3KW
拉尾料伺服电机功率 Tailing servo motor power	0.75KW	0.75KW	0.75KW
出、入料架长度 Length of infeed and outfeed racks	依客户所需定制 Customized according to customer needs		
吸尘器功率 Vacuum cleaner power	4KW	4KW	5.5KW
单次送料最大行程 Maximum single feeding stroke	6300mm	6300mm	6300mm
机器尺寸 Machine size	7100*1800*2100mm	7300*1900*2200mm	7500*2100*2300mm
重量 Weight	2.2T	2.5T	2.8T
适用材料 Applicable materials	适合锯切新能源汽车零部件、散热片、铝材、铜材、pvc、塑料材料、电木板、亚克力塑胶、铁氟龙、蜂巢板、木板等非铁金属材料 Suitable for sawing new energy vehicle parts, heat sinks, aluminum, copper, PVC, plastic steel, bakelite, acrylic plastic, PTFE, honeycomb board, wood board and other non-ferrous metal materials		



JR-650CNC自动上料生产线(专配铝挤压机生产线)

JR-650 CNC Automatic Feeding Production Line(Specially designed for aluminum extrusion production lines)

性能特点 Performance characteristics

- 双层多组独立储料工位设计，可分类存放不同规格、不同截面的铝型材，区分常规实心型材、空心型材、异形宽幅型材，实现物料分区管理，减少换料反复转运时间；
Double-layer multi-group independent material storage stations can store aluminum profiles of different specifications and cross-sections separately, including solid, hollow and special-shaped wide profiles, realizing classified material management and reducing material transfer time during model change.
- 支持多根型材并排同步上料，单次可同时输送多支原料，常规型材、异形型材均可并排裁切，不用单根逐一送料，批量加工效率大幅提升；
Supports parallel feeding of multiple profiles simultaneously, both regular and irregular extrusions can be cut side by side, eliminating single-piece feeding and greatly boosting mass production efficiency.
- 整机采用滚珠丝杆伺服全闭环进给系统，送料重复定位精度 $\pm 0.1\text{mm}$ 以内，切割尺寸一致性高，大批量加工无尺寸偏差累积；
Full closed-loop ball screw servo feeding system delivers repeated positioning accuracy within $\pm 0.1\text{mm}$, ensuring consistent cutting dimensions without cumulative tolerance during mass production.
- 支持生产数据统计，可记录每日切割根数、用料损耗、加工时长，方便工厂生产管理与成本核算。
Built-in production data statistics records daily cutting quantity, material loss and processing time to facilitate factory production management and cost calculation.
- 从挤压机挤出型材，直接切成客户所需尺寸。（精密切割，一步到位）
Profiles are extruded from the extrusion line and cut directly to the customer's required dimensions (precision cutting in a single step).



料架

Racks



进料架/Feed rack



数显料架/Digital display material rack



伺服料架/Servo rack

吸尘器

Vacuum cleaner



型号Model	JR-750
功率Motor(KW)	7.5KW
风扇直径Fan diameter(mm)	520
吸风口直径Inlet diameter(mm)	250*1
风量Air flow	10000
箱体容积Box body(L)	250
集尘袋下部尺寸Collecting bag dia-lower(mm)	630*1000
总尺寸Overall dimension(mm)	1650*800*2450
包装尺寸Packing size(mm)	1650*800*2450
重量Weight(KG)	280

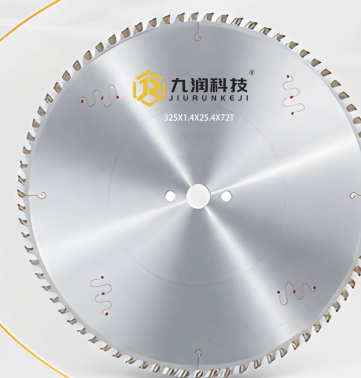
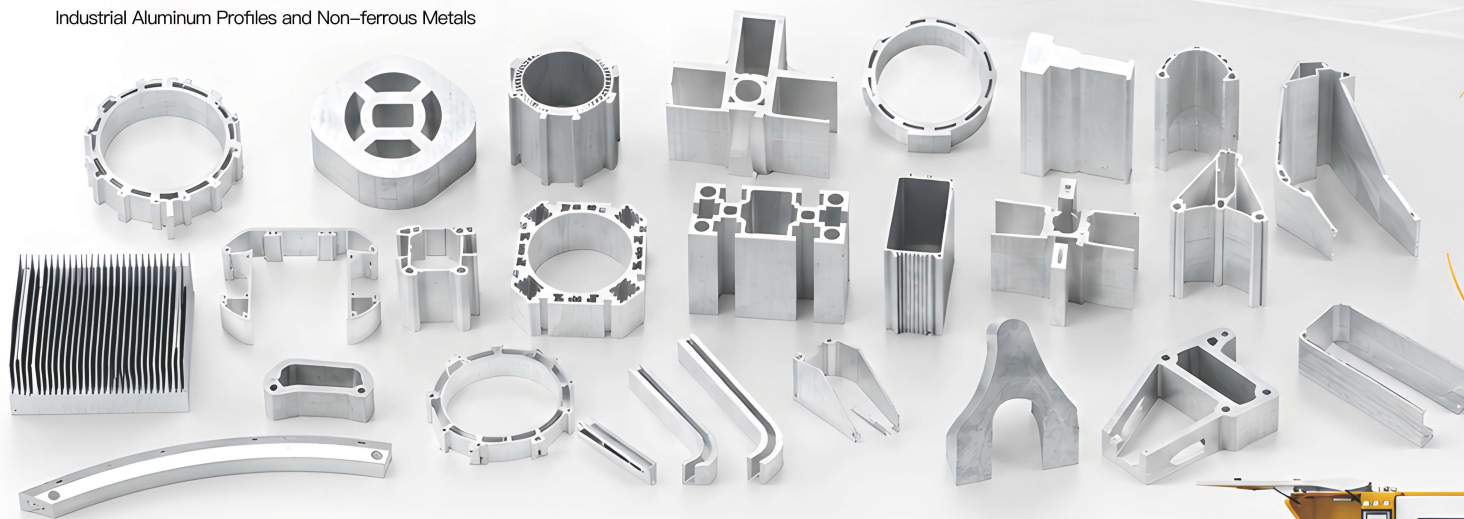


铝型材智能切割解决方案

Intelligent Cutting Solutions for Aluminum Profiles

工业铝型材及有色金属切割设备专业制造商

Professional Manufacturer of Cutting Equipment for
Industrial Aluminum Profiles and Non-ferrous Metals



高精切割
Precision Cutting



多角度切割
Multi-angle Cutting



稳定高效
Stable & High Efficiency



全球服务
Global Service



售后保障
After-sales Support

张家港九润机械科技有限公司
Zhangjiagang Jiurun Machinery Technology Co.,Ltd



欢迎来图来样，获取专属切割解决方案
Send us your drawings or samples for a customized cutting solution.



中国官网China official website: www.zjgirkj.com.cn



座机 Landline number: 0512-58903165



江苏省张家港市南丰镇海丰路15号
15 Haifeng Road, Nanfeng Town, Zhangjiagang City Jiangsu Province

