



欧鹏机械
OP MACHNERY

李峰

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欧鹏机械
OP MACHNERY

型材

□ 复合加工系统

Composite equipment for
aluminum-PVC profile



所有的伟大，都源于一个勇敢的开始

—— 欧鹏与你在一起

All greatness comes from a brave beginning

—— Op machinery is with you



Opmachinery comes FROM EUROPE, DEVELOPS IN CHINA and SERVES THE WORLD

欧鹏机械 源自欧洲 服务全球

- ◎ 品质 高标准、精细化、零缺陷
- ◎ 研发 拥有资深的研发团队
- ◎ 制造 标准化、多样化、全球化
- ◎ 服务 让服务扎根在用户身边
- ◎ 业绩 产品已销往世界多个国家和地区
- ◎ 愿景 让世界爱上中国造

- ◎ QUALITY High standard, refinement and zero defect
- ◎ R & D With a senior R & D team
- ◎ MANUFACTURE Standardization, diversification and Globalization
- ◎ SERVICE Let services take root around users
- ◎ ACHIEVEMENT Products have been sold to many countries and regions in the world
- ◎ DESIRE Let the world fall in love with made in China



安全



高效



可靠



持续





The most Professional Manufacturer of Insulating Equipment in China

中国最专业的隔热型材设备制造商

关于

欧鹏

BRIE INTRODUCTION

济南欧鹏机械设备有限公司主要生产隔热铝型材穿条设备生产线、铝塑型材复合设备，是一家集产品开发、生产、销售、服务为一体的现代化企业，公司员工均在行业服务多年，以精深专业技术可为您提供优质的隔热铝型材设备和专业的售后服务。技术力量雄厚，加工设备先进齐全，有严格的质量管理体系和完善的质量检测手段，研制断桥铝（铝塑）型材复合设备，积极吸收当今欧美发达国家的先进技术，并结合中国实际情况，为中国用户量身打造新一代断桥隔热铝型材专业机械设备。

欧鹏机械多年来致力于断桥隔热铝型材设备的研发，拥有众多的资深专业人才，并通过多年以来不断的积累，在业界形成良好的口碑，现所经营的各种产品经检验，顺利通过各级部门的权威验证。“低调、严谨、真诚、踏实”是企业的管理理念，公司自成立以来，始终采用先进的生产工艺，凭着科学、严谨的管理理念，依靠科技进步，技术创新，在隔热铝型材穿条设备生产领域持续不断的为客户提供项目咨询，优质的设备和专业的项目服务，赢得了良好的市场信誉。欧鹏机械愿为您提供专业、快捷、周到的服务，愿与业内同仁共同致力于行业的进步。

Jinan op machinery co.,ltd. mainly produces heat insulation aluminum profile threading equipment intelligent production line and aluminum plastic profile composite equipment. It is a modern enterprise integrating product research and development, production, sales and service. Its employees have been serving the industry for many years, with profound professional and technical strength, advanced and complete processing equipment, strict quality management system and perfect quality Measure and test means, develop bridge cutoff aluminum (aluminum plastic) profile composite equipment, actively absorb the advanced technology of developed countries in Europe and America, and combine with the actual situation of China to build a new generation of bridge cutoff thermal insulation aluminum profile professional equipment for Chinese users.

Op machinery over the years, we have been committed to the research and development of bridge breaking thermal insulation aluminum profile equipment, with a large number of senior professional talents, and through years of continuous accumulation, we have formed a good reputation in the industry. Now we operate a variety of products that have been tested and successfully passed the authority verification of all levels of departments. "Low key, rigorous, sincere and down-to-earth" is the management concept of the company. Since its establishment, the company has always adopted advanced production technology, relying on scientific and rigorous management concept, relying on scientific and technological progress and technological innovation, and has continuously provided project consultation and professional project services for customers in the field of production of thermal insulation aluminum profile threading equipment, winning a good market reputation.

Op machinery is willing to provide you with professional, fast and thoughtful services, and is willing to work together with colleagues in the industry to make progress in the industry.





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XINDELU
新德铝



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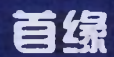
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天间阁



安格尔门窗
— ANGLE —



BAILIMA
百利玛

客户

案例

Customer Case

排名不分先后，另有多家用户不再列举，在此一并鸣谢！



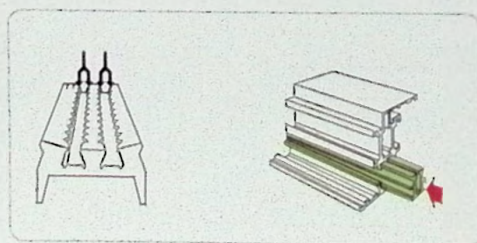
KCJ-02B

开齿穿条一体机

Knurling and Strip-inserting Machine

适用于隔热型材的开齿、穿条，一台机器同时完成两道工序，适合二步法生产工艺。

Suitable for heat insulation profile of the teeth, wear, a machine to complete two processes at the same time, suitable for two-step production process.



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设备优势 Equipment Advantages

- ◎ 该机器主要用于在铝型材槽口内滚齿穿条。
- ◎ 隔热型材坯料或开齿带穿条。
- ◎ 开齿机是提高隔热条和铝合金组合型材剪切力的关键设备。通过高速运转开齿刀，将铝合金型材嵌隔热条的槽口部进行开齿，使铝材大大提高了剪切力。
- ◎ 开齿刀（即开齿滚轮）上下调节（0-250mm）左右调节（6-125mm），开齿刀下面滚轮上下调节（0-40mm），左右调节（0-125mm）。
- ◎ 可选用进口机电、变频器、减速机、电控。
- ◎ Used in aluminum notch hobbing wear Blanksof insulating material or strip.
- ◎ The gear opening machine is the key equipment to improve the shearing force of the heat insulation strip and the aluminum alloy composite profile. The shear force of the aluminum alloy is greatly improved by opening the teeth of the aluminum alloy section of the insulation bar through the high-speed running gear opener.
- ◎ The opening gear (0-250mm) adjustment(6-125mm) is adjusted (6-125mm); and the roller is adjusted up and down (0-40mm), and the right and left adjustment (0-125mm)
- ◎ mported mechanical and electronic, frequency converter, reducer, electric control.

技术参数 Technical Parameter

型 号 Power voltage	KCJ-02D
电 压 Voltage	380V 50Hz
总 功 率 Total power	1.5KW
开齿刀规格 Diameter of knife	Φ90mm
速 度 Speed	0-90m/min
加工型材截面 Max cross-section can be processed	200 × 250mm
扶 架 Auxiliary frame	460 × 5000mm
外形尺寸 Overall dimension	1000 × 1200 × 1550mm
重 量 Weight	约 800kg



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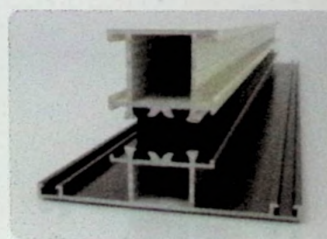
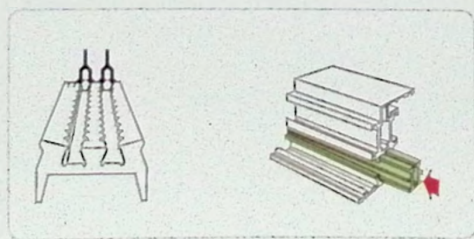
KCJ-CNC-02B

数控开齿穿条一体机

Knurling and Strip-inserting Machine

适用于隔热型材的开齿、穿条，一台机器同时完成两道工序，适合二步法生产工艺。

Suitable for heat insulation profile of the teeth, wear, a machine to complete two processes at the same time, suitable for two-step production process.

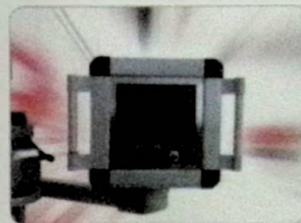


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设备优势 Equipment Advantages

- ◎ 两开齿刀通过数控可以垂直调整，也可通过数控水平调整还可单独通过手动调整。
- ◎ 该机器主要用于在铝型材槽口内滚齿穿条。
- ◎ 隔热型材坯料或开齿带穿条。
- ◎ 开齿机是提高隔热条和铝合金组合型材剪切力的关键设备。通过高速运转开齿刀，将铝合金型材嵌隔热条的槽口部进行开齿，使铝材大大提高了剪切力。
- ◎ 开齿刀（即开齿滚轮）上下调节（0—250mm）左右调节（6—125mm），开齿刀下面滚轮上下调节（0—40mm），左右调节（0—125mm）。
- ◎ 可选用进口机电、变频器、减速机、电控。
- ◎ 匹配扫码数控导入功能，通过扫码枪将数控数据导入电脑调整更迅速。
- ◎ The two tooth cutters can be adjusted vertically or horizontally by CNC or manually separately.
- ◎ Used in aluminum notch hobbing wear Blanksof insulating material or strip.
- ◎ The gear opening machine is the key equipment to improve the shearing force of the heat insulation strip and the aluminum alloy composite profile. The shear force of the aluminum alloy is greatly improved by opening the teeth of the aluminum alloy section of the insulation bar through the high-speed running gear opener.
- ◎ The opening gear (0—250mm) adjustment(6—125mm) is adjusted (6—125mm), and the roller is adjusted up and down (0—40mm), and the right and left adjustment (0—125mm).
- ◎ Imported mechanical and electronic, frequency converter, reducer, electric control.
- ◎ Matching the NC import function of code scanning, the NC data can be imported into the computer through the code scanning gun for faster adjustment.

技术参数 Technical Parameter

型 号	KCJ—CNC—02B
电 压 Voltage	380V 50Hz
总 功 率 Total power	1.9KW
开齿刀规格 Diameter of knife	Φ100mm
速 度 Speed	0—90m/min
加工型材截面 Max cross-section can be processed	200 × 250mm
扶 架 Auxiliary frame	460 × 5000mm
外形尺寸 Overall dimension	1000 × 1200 × 1550mm
重 量 Weight	约 800kg

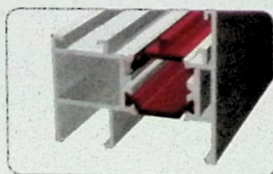
CT-01

隔热型材穿条机

Strip Feeder Machine for Thermal Break Profile

适用于型材开齿后，将隔热条穿到型材槽口内，操作简单灵活，适合三步法生产工艺。

After the profile opening, the heat insulation strip is worn into the profile slot, and the operation is simple and flexible, suitable for three-step production process.

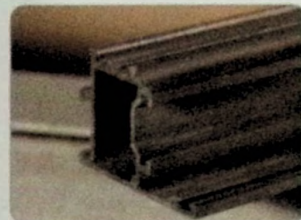


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设备优势 Equipment Advantages

- ① 用于将隔热穿条到铝型材槽口内。
- ② 已开齿型材→穿条。
- ③ 穿条机采用特制齿轮四驱动，通过导向槽将两根隔热胶条准确地穿入铝型材内，穿条速度设有快慢调节，操作简单、灵活，大大提高了生产效率。
- ④ 穿条时胶条不容易磨损，使每条成品断桥隔热型材头、中、尾，剪切力稳定。
- ⑤ For the insulation to wear aluminum groove.
- ⑥ Toothed profile → strip.
- ⑦ The strip machine is driven by a special gear four, two insulating rubber strips are accurately inserted into the aluminum section through a guide groove, the strip threading speed is adjusted rapidly and slowly, and the operation is simple, flexible and the production efficiency is greatly improved.
- ⑧ The strip is not easy to wear when it is worn, so that the head, middle, tail and shear force of the insulation section of each finished product are stable.

技术参数 Technical Parameter

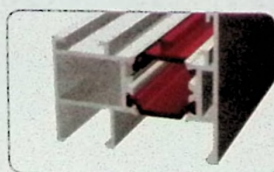
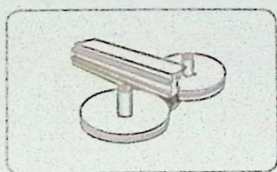
型 号 Power voltage	CT-01
电 压 Voltage	380V 50Hz
总 功 率 Total power	0.75KW
滚轮直径 Diameter of gear	Φ160mm
隔热条规格 Hight of strip	10.2-40mm
进给速度 Speed	0-90m/min
加工型材截面 Max cross-section can be processed	260 × 380mm
扶 架 Auxiliary fram	460 × 5000mm
外形尺寸 Overall dimension	950 × 700 × 1500mm
重 量 Weight	约 200kg

HFD-01

高精密滚压复合机（垫片式）

High Precision Rolling Compound Machine (Gasket)

适用于将已穿隔热条的型材进行滚压复合，压力表显示压力参数，位置显示器显示刀盘参数。
It is suitable for rolling and compounding the sections which have passed through the heat insulation strip, the pressure gauge shows the pressure parameters.

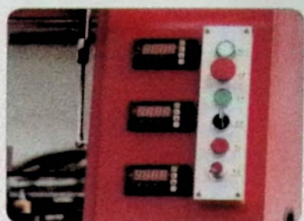


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设备优势 Equipment Advantages

- ◎ 滚压（复合机）是确保隔热条与铝型材紧密结合且垂直的关键设备。
- ◎ 滚压机（复合机）采用三组六个滚轮将以穿入隔热条的铝型材槽口压紧。
- ◎ 在此之间配有四套聚氨酯滚轮装置随时校正复合型材的直线度与垂直度。
- ◎ 配有压力表显示压合部位滚压时的滚压力大小，同时配有位置显示器显示两组滚压刀盘的距离数字。

- ◎ Rolling(compound machine)is the key equipment to ensure that the insulation strip and aluminum profile tightly combined and vertical.
- ◎ The rolling mill(compound machine)uses three sets of six rollers to press the aluminum profile notch through the insulation strip.
- ◎ There are four sets of polyurethane roller devices between them to correct the straightness and verticality of the composite profile at any time.
- ◎ A pressure gauge is provided to show the rolling pressure at the press-fit position, and a position display is provided to show the distance numbers of the two groups of rolling cutter heads.

技术参数 Technical Parameter

型 号 Power voltage	HFD-01
电 压 Voltage	380V 50Hz
总 功 率 Total power	3.0KW
滚轮直径 Diameter of gear	Φ230mm
进给速度 Speed	0-60m/min(可调)
加工型材截面 Max cross-section can be processed	250 × 380mm
扶 架 Auxiliary fram	460 × 5000mm
外形尺寸 Overall dimension	1600 × 1000 × 1600mm
重 量 Weight	约 1500kg



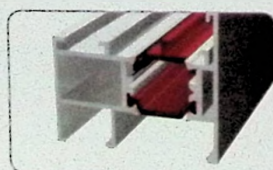
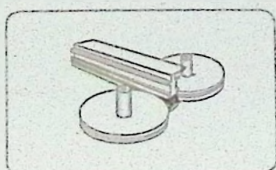
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HFT-01

高精度滚压复合机（调刀式）

High Precision Rolling Compound Machine (Adjusting knife)

适用于将已穿隔热条的型材进行滚压复合，刀盘上下宽度任意调整，适合不同宽度的隔热条。
It is suitable for rolling and compounding the section bar which has passed through the heat insulation strip, adjusting the width of the cutter head up and down arbitrarily.

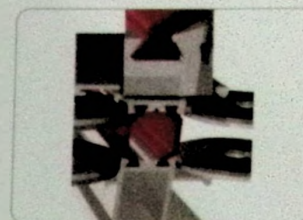
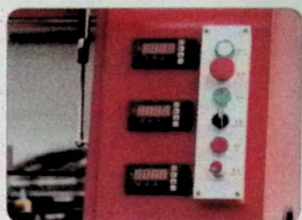


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设备优势 Equipment Advantages

- ◎ 电动调整六组刀盘，电动调整尼龙辊，可快速更换不同型材，具备双轴电动调整功能。
- ◎ 全时六驱，六套动力系统。
- ◎ 每组刀盘上下宽度都可以任意调整，适用于宽度的各种隔热条。
- ◎ 变频器无级调速，直线运动，精密丝杆推进。

- ◎ Six groups of cutter heads are electrically adjusted, nylon rollers are electrically adjusted, and different profiles can be rapidly replaced; It has dual-axis electric adjustment function.
- ◎ Full-time six-drive, six power systems.
- ◎ The upper and lower widths of each group of cutter heads can be adjusted at will, and the cutter heads are applicable to various heat insulation strips with widths.
- ◎ Inverter stepless speed regulation, linear motion, precision screw propulsion.

技术参数 Technical Parameter

型 号 Power voltage	HFT-01
电 压 Voltage	380V 50Hz
总 功 率 Total power	3.4KW
滚轮直径 Diameter of gear	Φ230mm
进给速度 Speed	0-60m/min(可调)
加工型材截面 Max cross-section can be processed	250 × 380mm
扶 架 Auxiliary fram	460 × 5000mm
外形尺寸 Overall dimension	1600 × 1000 × 1600mm
重 量 Weight	约 1500kg



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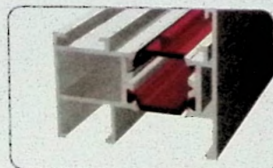
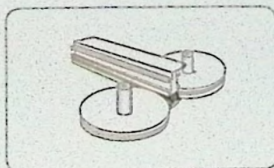
HFS-01

单轴数控高精密滚压复合机（数字式）

High Precision Rolling Compound Machine (Adjusting knife)

适用于将已穿隔热条的型材进行滚压复合，单轴数控，精度高，操作方便。

The invention is suitable for rolling and compounding the section bar which has passed through the heat insulation strip, has the advantages of single-axis CNC, high precision.

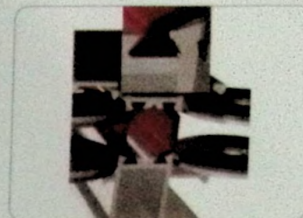


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- ◎ 该机采用 PLC 控制，可直接输入数字调节参数，精度更高，操作更方便。
- ◎ 复合（滚压）机采用三组（即 6 对 12 个）滚压轮将已穿入隔热胶条的型材，经过滚压复合，达到胶条与型材紧密连接。
- ◎ 采用三组高精度数字方式检测，能够准确地测出在滚压中型材每组压力。每组滚压轮可单独上下调节（0—250mm），每组两个滚压轮调节（0—60mm），整机可升降调节（0—130mm），出料扶架可单独升降调节（0—120mm）。

- ◎ This machine adopts PLC control, can directly input digital adjustment parameters, higher precision, more convenient operation.
- ◎ Compound (roll) machine adopts three groups (6 to 12) rolling wheel will have inserted insulating strip profile, after composite rolling, strip is closely connected with the profile.
- ◎ Adopts three high precision of digital monitor, which can test rolling pressure in the course of rolling. Every set of roller can be adjusted 0—250mm up and down single. Every two roller can be adjusted 0—60 mm, the whole machine can be adjusted 0—130 up and down, discharge auxiliary frame can be lifted 0—120mm single.

技术参数 Technical Parameter

型 号 Power voltage	HFS-01
电 压 Voltage	380V 50Hz
总 功 率 Total power	3.4KW
滚轮直径 Diameter of gear	Φ230mm
进给速度 Speed	0—60m/min(可调)
加工型材截面 Max cross-section can be processed	250 × 380mm
扶 架 Auxiliary fram	460 × 5000mm
外形尺寸 Overall dimension	1600 × 1000 × 1600mm
重 量 Weight	约 1500kg



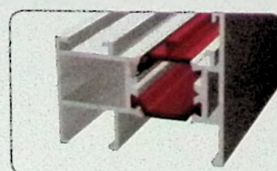
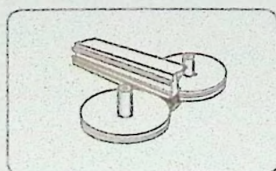
欧鹏机械
OP MACHNERY

▶ HFS-CNC-01

单轴数控高精滚压复合机

High Precision Rolling Compound Machine

适用于将已穿隔热条的型材进行滚压复合，数控系统控制，精度高，加工效率高，操作简单。
The invention is suitable for rolling and compounding the section bar which has passed through the heat insulation strip, CNC system control, high processing efficiency and simple operation.

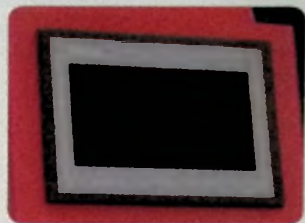


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设备优势 Equipment Advantages

- ◎ 该机采用数控系统控制，数控调整刀盘升降，精度更高，加工效率高，操作简单。
- ◎ 该机采用三组（即6对12个）滚压轮将已穿入隔热胶条的型材，经过滚压复合，达到胶条与型材紧密连接。
- ◎ 采用三组高精度数字方式检测，能够准确地测出在滚压中型材每组压力。每组滚压轮可单独上下调节（0—250mm），每组两个滚压轮调节（0—60mm），整机可升降调节（0—130mm），出料扶架可单独升降调节（0—120mm）。
- ◎ The machine is controlled by numerical control system and the cutter head is adjusted by numerical control, with higher precision, high processing efficiency and simple operation.
- ◎ The machine adopts three groups (6 to 12) rolling wheel with have inserted insulating strip profile, after composite rolling, strip is closely connected with the profile.
- ◎ Adopts three high precision of digital monitor which can test rolling pressure in the course of rolling. Every set of roller can be adjusted 0—250mm up and down single. Every two roller can be adjusted 0—60 mm, the whole machine can be adjusted 0—130 up and down, discharge auxiliary frame can be lifted 0—120mm single.

技术参数 Technical Parameter

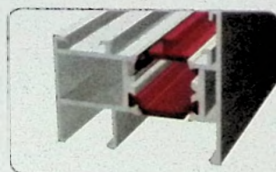
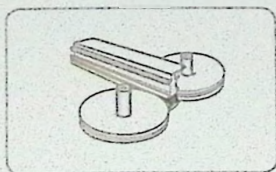
型 号 Power voltage	HFS—CNC—01
电 压 Voltage	380V 50Hz
总 功 率 Total power	3.4KW
滚轮直径 Diameter of gear	Φ230mm
进给速度 Speed	0—60m/min(可调)
加工型材截面 Max cross-section can be processed	250 × 380mm
扶 架 Auxiliary fram	460 × 5000mm
外形尺寸 Overall dimension	1600 × 1000 × 1600mm
重 量 Weight	约 1500kg

HFS-CNC-02

双轴数控高精密滚压复合机

High Precision Rolling Compound Machine

适用于将已穿隔热条的型材进行滚压复合，数控系统控制，精度高，加工效率高，操作简单。
The invention is suitable for rolling and compounding the section bar which has passed through the heat insulation strip, CNC system control, high processing efficiency and simple operation.



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设备优势 Equipment Advantages

- ◎ 该机采用数控系统控制，数控调整刀盘和上胶辊的升降，精度更高，加工效率高，操作简单。
- ◎ 该机采用三组（即6对12个）滚压轮将已穿入隔热胶条的型材，经过滚压复合，达到胶条与型材紧密连接。
- ◎ 采用三组高精度数字方式检测，能够准确地测出在滚压中型材每组压力，每组滚压轮可单独上下调节（0-250mm），每组两个滚压轮调节（0-60mm），整机可升降调节（0-130mm），出料扶架可单独升降调节（0-120mm）。

- ◎ The machine is controlled by numerical control system, which can adjust the lift of cutter head and upper cot, with higher precision, high processing efficiency and simple operation.
- ◎ The machine adopts three groups(6to12)rolling wheel will have inserted insulating strip profile, after composite rolling, strip is closely connected with the profile.
- ◎ Adopts three high precision of digital monit or, which can test rolling pressure in the course of rolling. Every set of roller can be adjusted 0-250mm up and down single. Every two roller can be adjusted 0-60 mm, the whole machine can be adjusted 0-130 up and down, discharge auxiliary frame can be lifted 0-120mm single.

技术参数 Technical Parameter

型 号 Power voltage	HFS-CNC-02
电 压 Voltage	380V 50Hz
总 功 率 Total power	3.4KW
滚轮直径 Diameter of gear	Φ230mm
进给速度 Speed	0-60m/min(可调)
加工型材截面 Max cross-section can be processed	250 × 380mm
扶 架 Auxiliary fram	460 × 5000mm
外形尺寸 Overall dimension	1600 × 1000 × 1600mm
重 量 Weight	约 1500kg

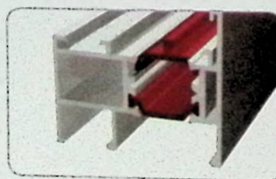
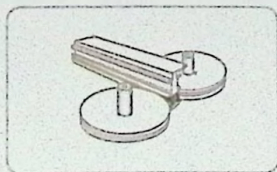
HFS-CNC-05

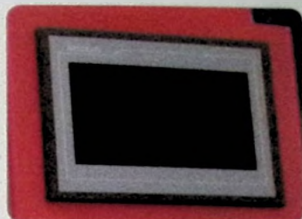
五轴数控高精度滚压复合机

High Precision Rolling Compound Machine

适用于将已穿隔热条的型材进行滚压复合，数控系统控制，精度高，加工效率高，操作简单。

The invention is suitable for rolling and compounding the section bar which has passed through the heat insulation strip, CNC system control, high processing efficiency and simple operation.





设备优势 Equipment Advantages

- ◎ 该机采用数控系统控制。数控调整刀盘和上胶辊升降以及三组刀盘的加压。精度更高。加工效率高，操作简单。
- ◎ 该机采用三组（即6对12个）滚压轮将已穿入隔热胶条的型材，经过滚压复合，达到胶条与型材紧密连接。
- ◎ 采用三组高精度数字方式检测。能够准确地测出在滚压中型材每组压力。每组滚压轮可单独上下调节（0-250mm），每组两个滚压轮调节（0-60mm），整机可升降调节（0-130mm），出料扶架可单独升降调节（0-120mm）。
- ◎ 匹配扫码数控导入功能。通过扫码枪将数控数据导入电脑调整更快速。
- ◎ The machine is controlled by numerical control system, which can adjust the lift of cutter head and upper cot and pressurize three groups of cutter heads. It has higher precision, higher processing efficiency and simple operation.
- ◎ The machine adopts three groups (6 to 12) rolling wheel will have inserted insulating strip profile, after composite rolling, strip is closely connected with the profile.
- ◎ Adopts three high precision of digital monitor, which can test rolling pressure in the course of rolling. Every set of roller can be adjusted 0-250mm up and down single. Every two roller can be adjusted 0-60 mm, the whole machine can be adjusted 0-130 up and down, discharge auxiliary frame can be lifted 0-120mm single.
- ◎ Matching the NC import function of code scanning, the NC data can be imported into the computer through the code scanning gun for faster adjustment.

技术参数 Technical Parameter

型 号 Power voltage	HFS-CNC-05
电 压 Voltage	380V 50Hz
总 功 率 Total power	3.4KW
滚轮直径 Diameter of gear	Φ230mm
进给速度 Speed	0-60m/min (可调)
加工型材截面 Max cross-section can be processed	250 × 380mm
扶 架 Auxiliary fram	460 × 5000mm
外形尺寸 Overall dimension	1600 × 1000 × 1800mm
重 量 Weight	约 1500kg

JC-01

剪切力测试机

Strip Peeding Machine

该机是测试断桥铝型材（长为 100mm）复合在一起的横向剪切力，数据准确，稳定可靠。

The machine is to test broken bridge aluminum (100 mm) composite transverse shear force together accurate data, stable and reliable.



设备优势 Equipment Advantages

- ◎ 该机是测试组合型材（长为 100mm）的剪切力。
- ◎ 主要由主机与电控箱两部分组成，主机装有高精度负荷传感器，实现了电子测量，数字显示，计算机数据处理。
- ◎ 该机产品结构先进合理，控制系统稳定可靠，数据准确。

◎ This machine is used to test the shear force of the composite profiles(100 mm in length).

◎ Mainly consists of two parts: the host computer and the electronic control box. The host is equipped with high-precision load sensor, which realizes electronic measurement, digital display and computer data processing.

◎ The product structure of the machine is advanced and reasonable, and the control system is stable, reliable and accurate.

技术参数 Technical Parameter

型 号 Power voltage	JC-01
电 压 Voltage	380V 50Hz
总 功 率 Total power	0.37KW
测量范围 Measurement range	0-10KN
测量精度 Measuring precision of	2%
外形尺寸 Overall dimension	800 × 600 × 1200mm
重 量 Weight	约 180kg

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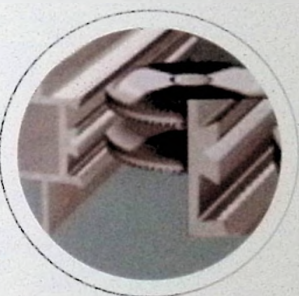
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PRODUCTION PROCESS

生产工艺流程

01
开齿

隔热型材坯料→开齿
Aluminum profile → Knurling



02
穿条

已开齿型材→穿条
Profile after knurling
→ feeding strip



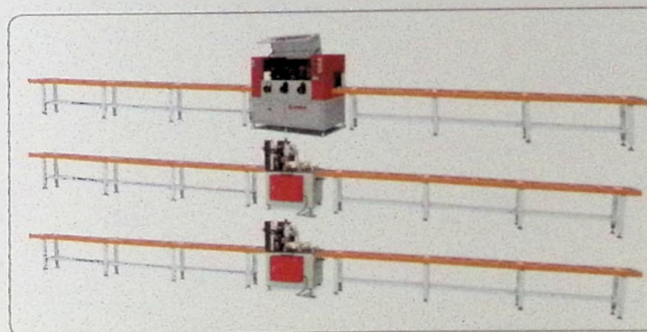
03
滚压

将型材滚压牢固→滚压
Product after feeding
→ rolling tightly



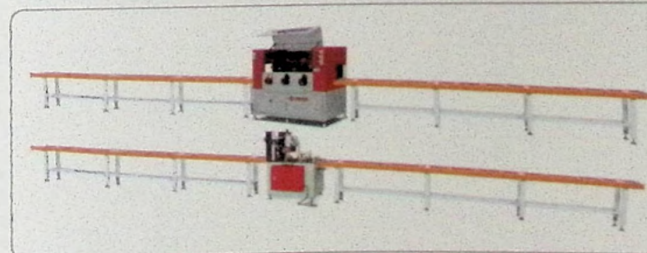
PRODUCTION LINE LAYUOT

生产线布置



双步法生产线布置图（两台机）
Layout of two-step production line (two machines)

上型材穿条开齿
Upper section bar threading open teeth
↓
下型材穿条开齿
Lower profile wear strip open teeth
↓
滚压复合 Rolling composite



双步法生产线布置图（一台机）
Layout of two-step production line (one machines)

上型材穿条开齿
Upper section bar threading open teeth
↓
下型材穿条开齿
Lower profile wear strip open teeth
↓
滚压复合 Rolling composite

Vulnerable parts

易损件 / 滚花轮

Knurled wheel



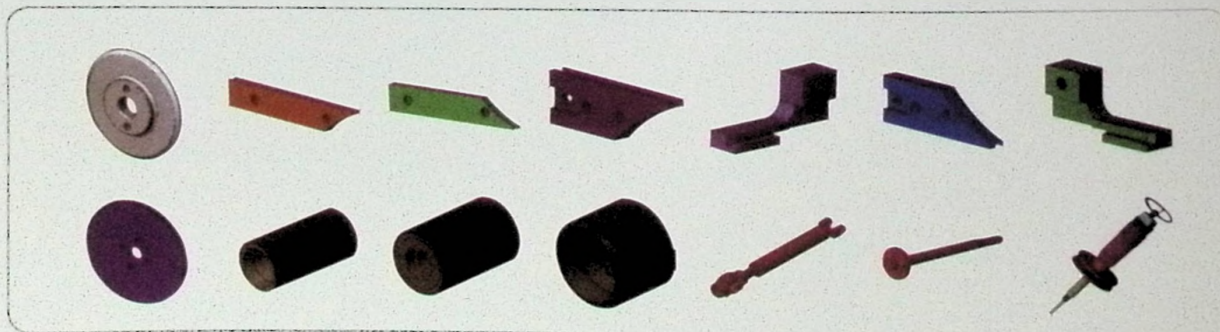
◎ 超硬超耐磨的滚花轮 / 选用特殊材质，制作工艺考究，开齿效果好，使用寿命长，客户选用后，广泛好评。

◎ Superhard wear-resiatant knurled wheel/selection of special materials,production of sophisticated technology,choice,widely praised.



名 称 NAME	型 号 Power voltage	硬 度 HARDNESS	生产能力 (吨) OUTPUT (TON)
超硬优质滚花轮 Super-high-quality	GCJ-001-011-010C	HRA86-90	≥ 1000
高硬优质滚花轮 High-quality	GCJ-001-011-010B	HRC67-69	≥ 200
硬质优质滚花轮 Ordinary	GCJ-001-011-010A	HRC63-64	≥ 120

易损件



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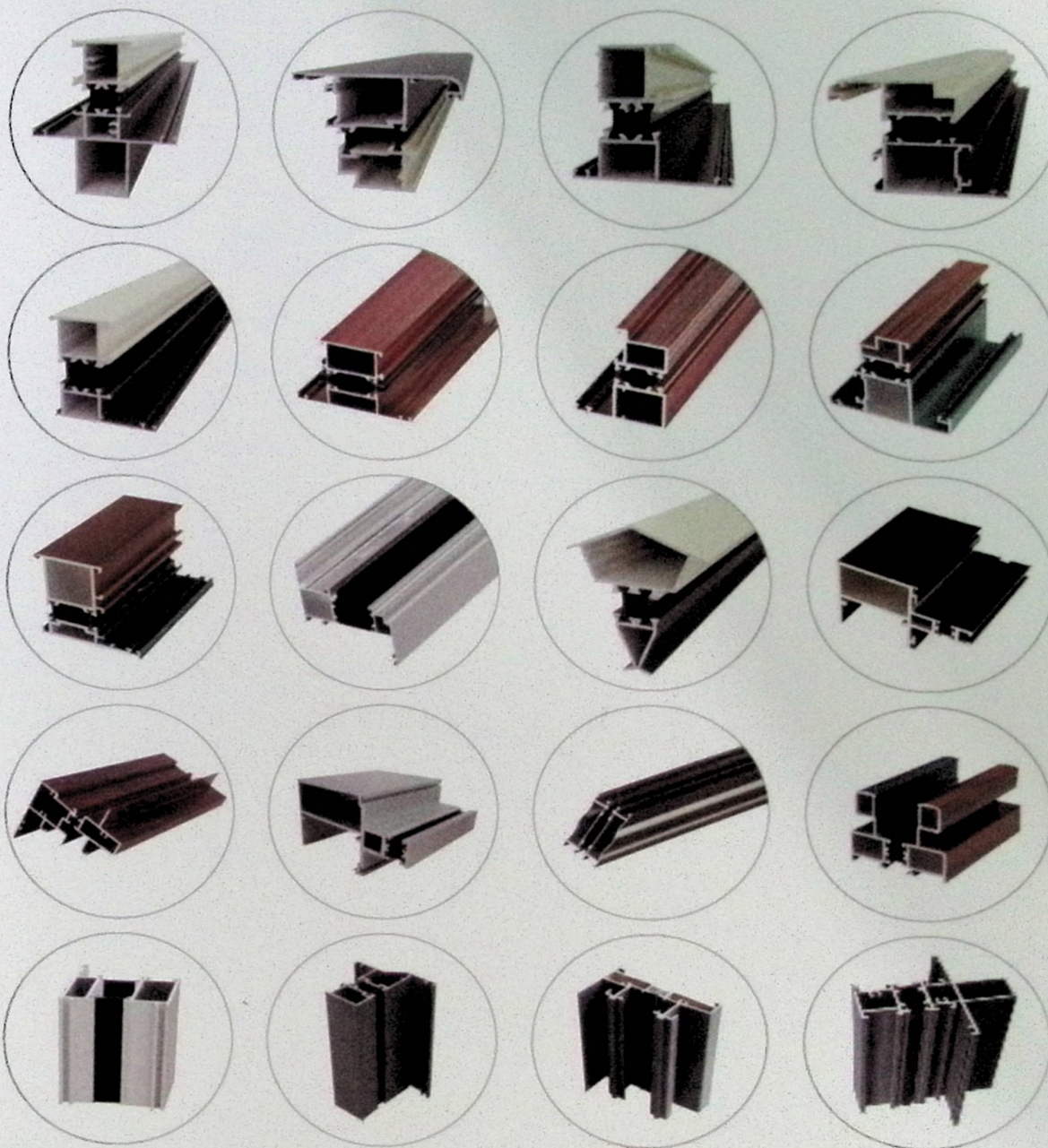
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▶ PROCESSING samples

加工样品





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