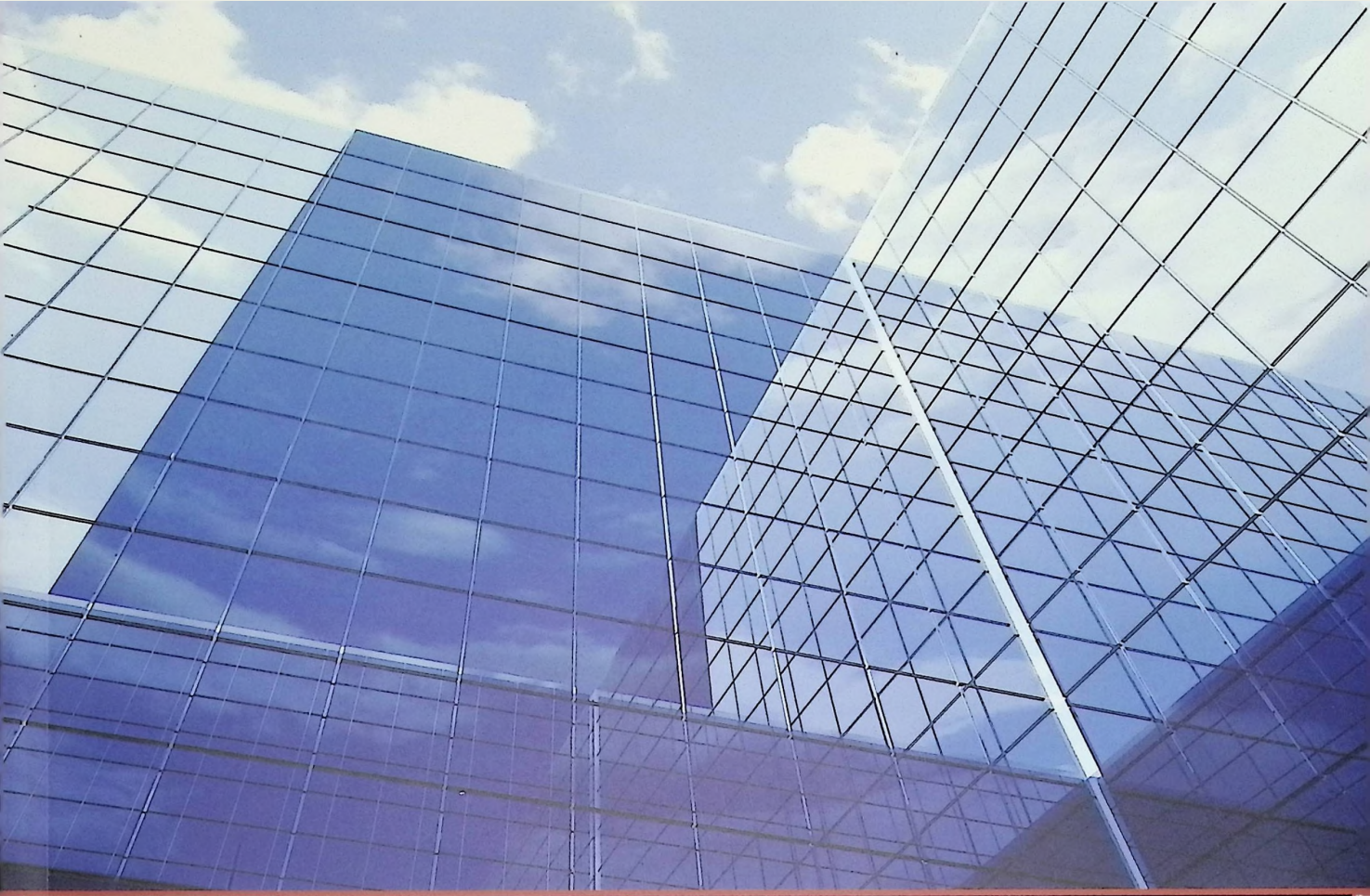




华工创新

股票代码: 430615 Stock Code: 430615

HUAGONG INNOVATION

节能环保门窗设备系统

Equipment System for Energy Saving
and Environmental Protection Doors
and Windows

HGIT 创新，无限可能
Innovation & More

ISO9001 : 2008质量管理体系认证

ISO9001:2008 Quality Management System Certification

国家高新技术企业

National High-tech Enterprise

欧盟CE认证

CE Certification

www.hgcx.cn

公司介绍 Company Profile

大连华工创新科技股份有限公司是致力于创新研发的国家高新技术企业，创立于2003年，业务遍及全球多个国家，专注于工业、汽车、电气、消费以及能源与建筑领域。公司于2014年1月挂牌新三板，是新三板扩容后首批挂牌企业之一，股票代码：430615，股票简称：华工创新。华工创新HGIT品牌的密封系统、隔热注胶系统、板材淋刷胶系统以及门窗系统为客户提供创新有益的解决方案，从而提高他们的产品质量。同时，公司还针对客户的需求量身定制节能、环保、增效和节约成本的系统自动线，用专业技术服务全球客户。

公司注重产学研结合，不仅与国内一流院校有针对未来发展的科研开发项目，而且还与多家国际跨国公司有着密切的战略合作关系。

公司及旗下的全资子公司—韩氏化学(大连)有限公司，作为世界500强企业陶氏化学聚氨酯保温项目的战略合作伙伴，共同为建筑的保温、节能提供系统解决方案。

华工创新将坚持不懈地以创新的技术、卓越的解决方案和优质的服务为客户提供全面支持。

Dalian Huagong Innovation Technology Co., Ltd. is a new high-tech enterprise devoting to innovation and research and development, established in 2003 with business covering many countries all over the world. It concentrates on industry, automobile, electrical, consumption, energy and construction fields. The company was listed on NEEQ in Jan. 2014. It is one of enterprises listed in the first batch after expansion of NEEQ. Stock Code: 430615. Stock Abbreviation: Huagong Innovation. Foam Sealing system, thermal insulation system, glue injection system and door & window system of the Huagong Innovation HGIT Brand provide innovative and beneficial solutions for clients, thus improve their product quality. In the meanwhile, the company customizes energy-saving, environment protective, benefiting and cost-effective system automation lines aiming at customers' requirements and serves customers all over the world with professional technology.

The company values combination of production, teaching and researching. It not only has scientific research and development projects aiming at future development with domestic first-class universities, but also has close strategic cooperation relation with many international transnational corporations. As a strategic partner of the Dow Chemical – a world 500 top in polyurethane thermal insulation project, the company and HANS Chemical (Dalian) Co., Ltd. – a wholly-owned subsidiary of the company jointly provide systemic solutions for building heat preservation and energy saving.

The Huagong Innovation will persistently provide comprehensive support for customers with innovative technology, excellent solution and superior service.





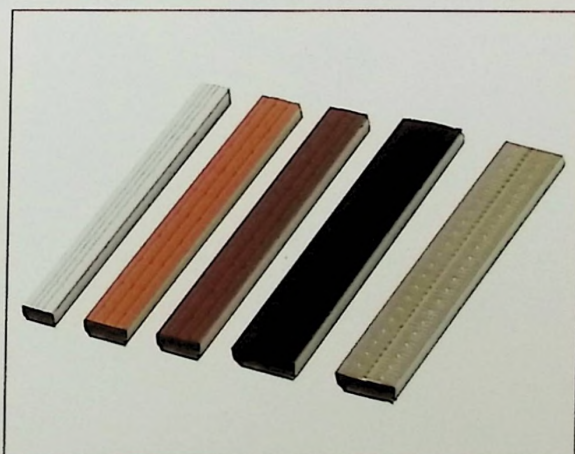
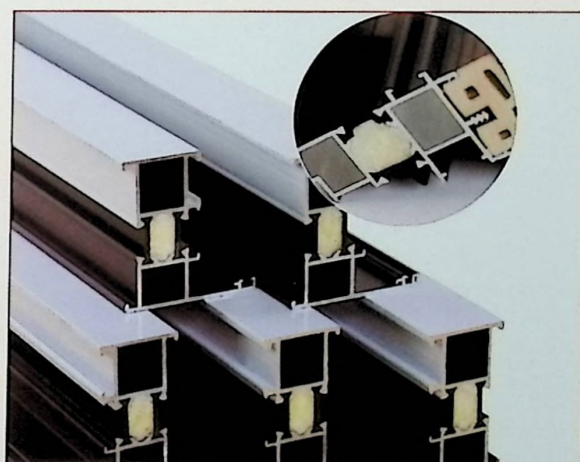
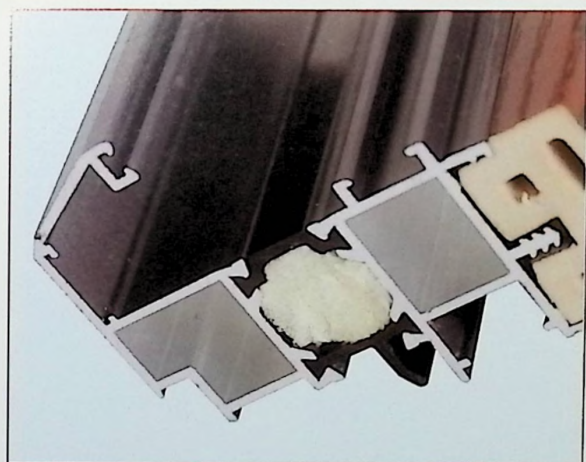
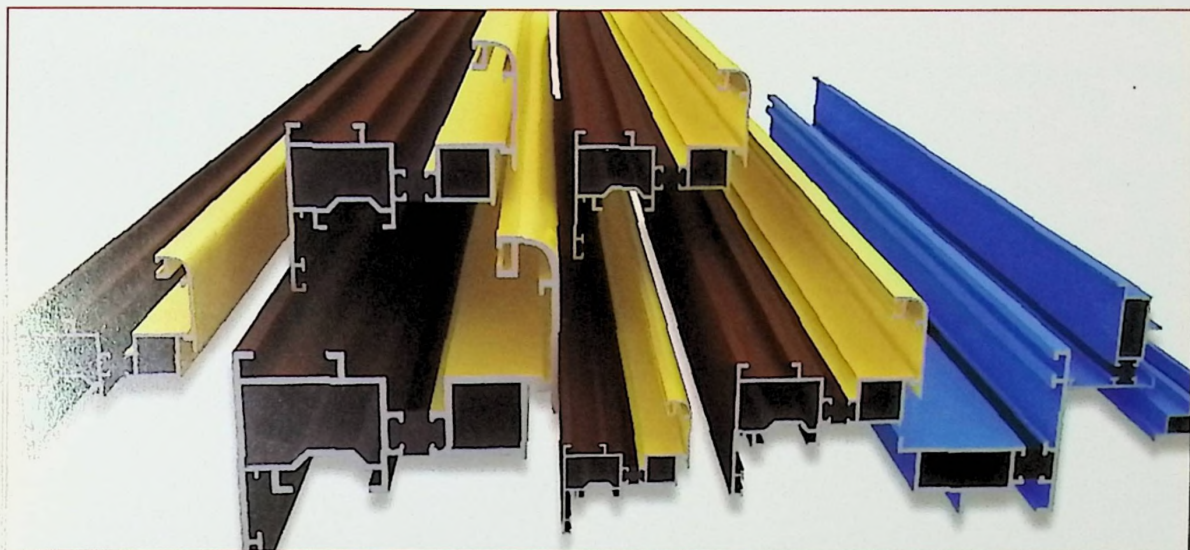
公司车间展示
THE COMPANY WORKSHOP



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Why Choose Huagong

样品展示 Sample Display



穿条型材发泡机

Strip Feeding Foaming Machine

电压：380V；

总功率：4KW；

加工能力：0-24m/min

(依型材腔体、纸成形尺寸而定)

Voltage: 380V;

Total power: 4kW;

Processing capability: 0-24m/min

(depending on profile cavity and paper
molding dimensions)





优势 Advantages:

- 1、防止腔内对流、提高隔热性能。发泡填充对型材和成窗K值的影响已获得国家相关检测机构提供的报告，如需参考请向我司索取；
- 2、闭孔发泡，不吸水、防渗水；
- 3、良好的附着力、耐高温性能，防止隔热条收缩变形或与型材脱离；
- 4、提高型材整体刚性强度；
- 5、美国陶氏化学胶水，稳定、环保、高性能；

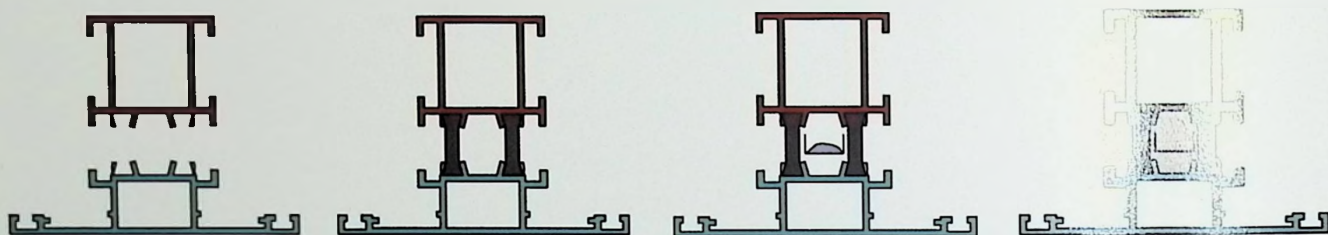
1. To prevent the cavity convection, improve thermal insulation performance.
Contact us for the relevant test report.
2. Closed cell foam, non absorbent, anti seepage;
3. Good adhesion and temperature resistance, prevent shrinkage of the trips or separation of profiles;
4. Improve the overall rigidity of the profile;
5. Material is from Dow Chemical Company, stability, environmental protection, high performance.

穿条型材发泡工艺简介

Introduction of foam-injection in barrier strip profiles

穿条发泡工艺是在穿条式隔热型材的隔热腔内做发泡填充，从而提升型材的隔热性能、避免渗水且增强刚性。该工艺通过穿条发泡设备对已经完成穿条工艺的型材进行再加工而获得。

The foam-injection process is to make foaming and filling in the cavity of the thermal insulating profile, thereby improving the thermal insulation performance, avoiding the water seepage and enhancing the rigidity. The process is obtained by doing an additional operation on a barrier strip Aluminum profile.



工艺步骤一：分别挤出室内、外两部分型材；

工艺步骤二：将隔热条穿入铝型材相应槽口中，制成穿条式断桥铝型材；

工艺步骤三：将承载液态发泡胶的U型纸槽穿入隔热腔内，胶水发泡后充满隔热腔，制成穿条发泡型材（此步骤由设备自动完成）。

Step1: Extruded indoor and outdoor profiles respectively;

Step2: Feeding the heat insulating strip into aluminum profile notch to make barrier strip insulating aluminum profile;

Step3: Filling the U shape paper with liquid polyurethane (PU) foam glue into the barrier strip Aluminum profile, PU foam strip adopt two-component PU injection molding, through the U type paper convey into the Aluminum, then PU foaming to fill the whole inside of Aluminum.

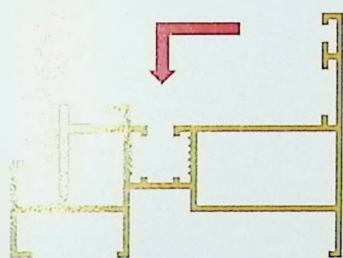


普通注胶工艺简介

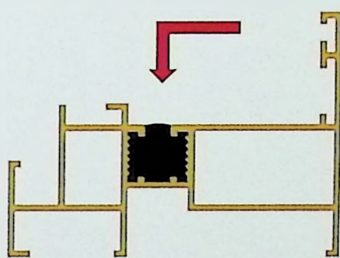
Introduction of general pouring glue technology

隔热型材注胶系统是专门用于加工铝合金注胶式隔热型材的设备。整条生产线包括：开齿机或电子打磨机、注胶机、切桥机等，该系统在国内处于领先地位。具有高效、节能、环保等优点。

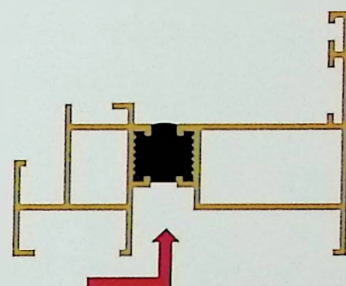
Aluminum thermal barrier system is dedicated to processing PU potting thermal insulating aluminum profiles. It contains knurling machine or electronic grinding machine, potting machine and bridge cut-off machine. This system is in a leading position in China, with advantages of high efficiency, energy saving and environmental protection.



隔热槽 Thermal Insulating Tank



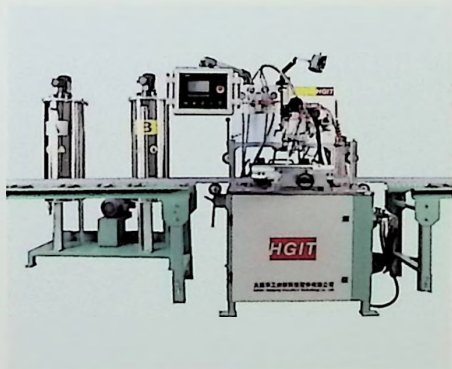
浇注隔热胶 Pour Thermal Insulating Glue



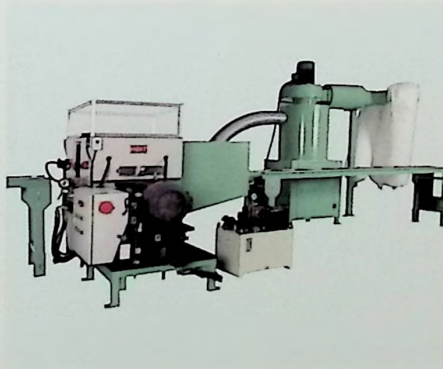
切桥 Bridge Cut-off

隔热注胶设备系统

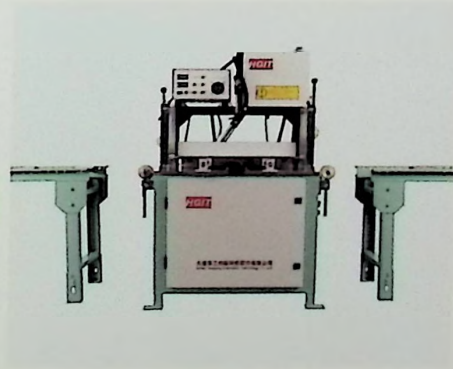
Aluminum thermal barrier system



注胶机 Potting Machine



切桥机 Bridge Cut-off Machine



电子打磨 Electronic Grinding Machine

电子打磨机

Electronic Grinding Machine

电压：380V；

总功率：3.5KW；

加工能力：5-48m/min

Voltage: 380V;

Total power: 3.5KW;

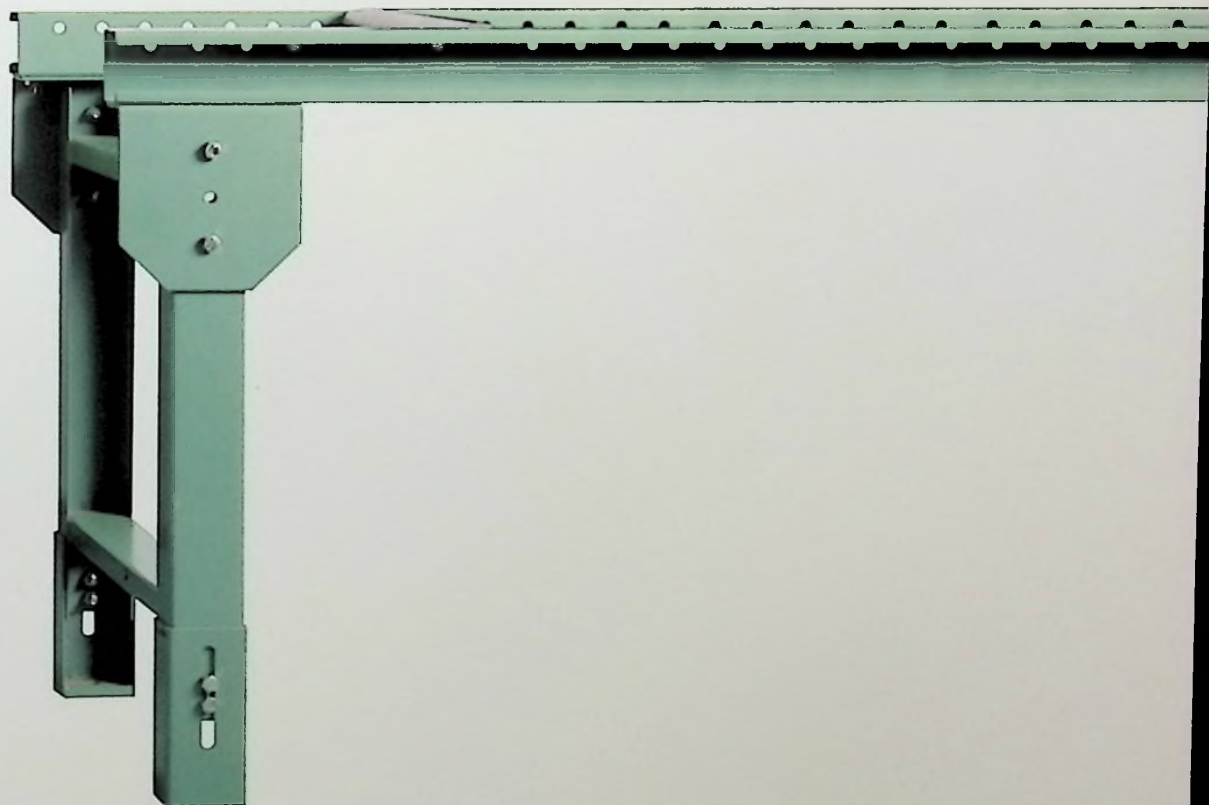
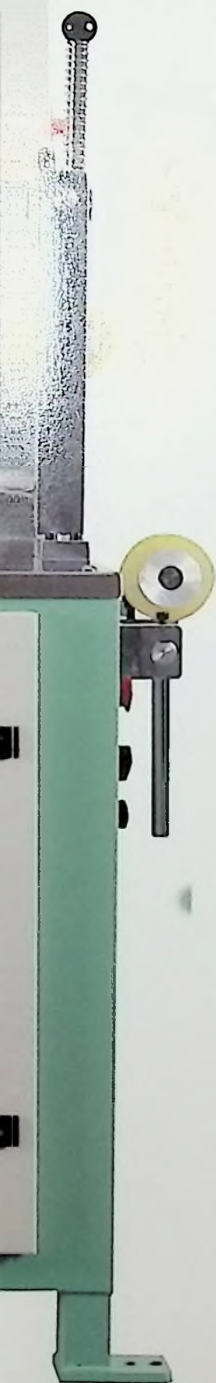
Processing ability: 5-48m/min



大连华工创新科技股份有限公司
Dalian Huagong Innovation Technology Co., Ltd.

HGIT 电子打磨机是一种能够有效改善聚氨酯隔热胶与铝型材表面涂层的相容性，能够提高型材抗剪强度的专利设备。该设备使用电子打磨的方式将隔热槽的内部表面进行处理，改变表面分子张力，从而使聚氨酯与铝型材接触部分形成更好的连接。

HGIT Electronic grinding machine is a kind of patent equipment which can effectively improve the compatibility between polyurethane insulation glue and aluminum surface coating, which can improve the shear strength of profiles. The machine adopts the way of electronic polishing to process the internal surface of insulation groove, to change surface molecular tension, and then make polyurethane and aluminum contact portion connect better.



注胶机

Potting Machine



注胶机是专门为隔热铝型材灌注聚氨酯隔热胶的设备。该设备通过液压系统驱动铝型材沿着指定方向平稳匀速运动，并通过精确计量系统将隔热胶的A、B组份，输送给高速混合系统，经瞬间混合后按规定流量注入到型材的隔热槽口内，完成注胶过程。

Potting machine is designed for pouring thermal insulating polyurethane into aluminum profiles. It drives the aluminum profile to go with a smooth and uniform movement by the hydraulic system along a specified direction. Then the precise measurement system makes A, B components do an instant high-speed and uniform mixing. After that polyurethane flows into thermal insulating tank accordance with the provisions of the ratio to complete the potting process.



0V;

0KW;

5-48m/min(依槽口几何状而定)

0V;

10KW;

ability: 5-48m/min (depended on the shape)

切桥机

Bridge Cut-off Machine

电压：380V；

总功率：20KW；

加工能力：5-48m/min（依型材厚度，切口宽度而定）

Voltage: 380V;

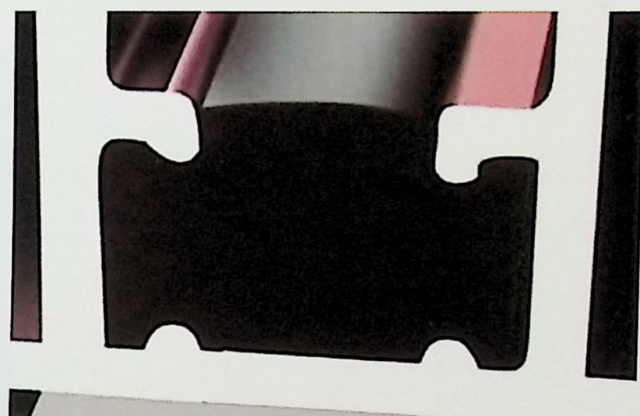
Total power: 20KW;

Processing ability: 5-48m/min (depended on materials and width)

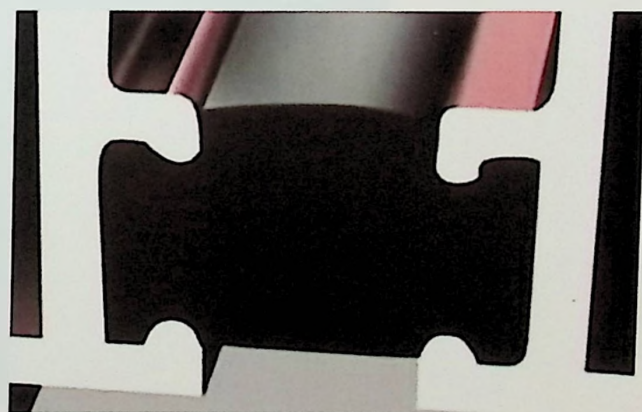


切桥机是切割隔热铝型材注胶槽底部连接桥的专用设备。该设备将已完成注胶并固化后的型材，通过液压系统驱动（电力），由高速切削刀具切除隔热槽底部的铝合金，完成切桥过程。

Bridge cut-off machine is used after the pouring and curing of the aluminum profiles, with the driven of hydraulic system (Electric power). It uses a high-speed cutting tool to remove the aluminum alloy of the thermal insulating tank bottom, then thermal insulating materials are obtained.



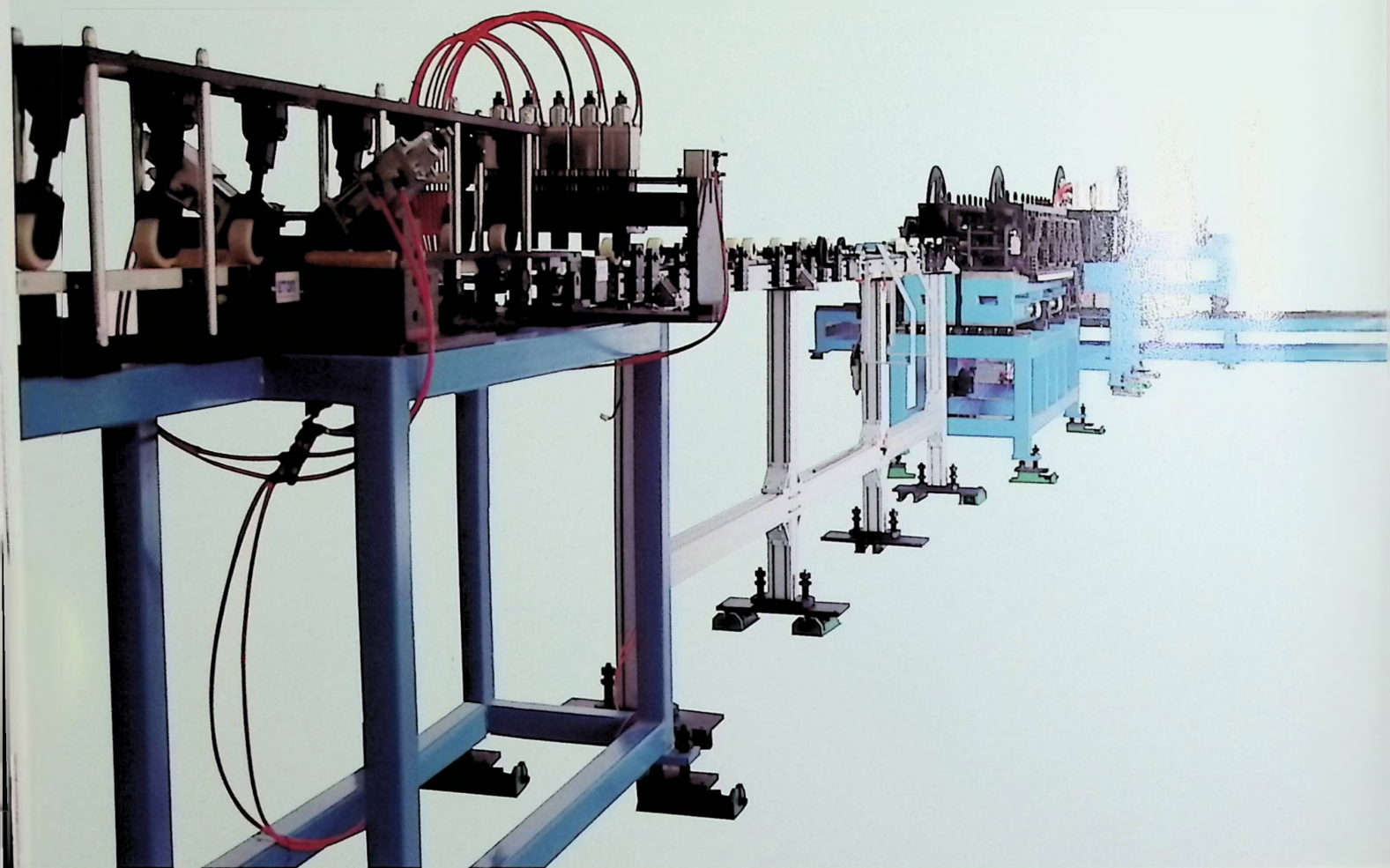
断桥前/before cutting



断桥后/after cutting

中空玻璃暖边条成型、涂胶机

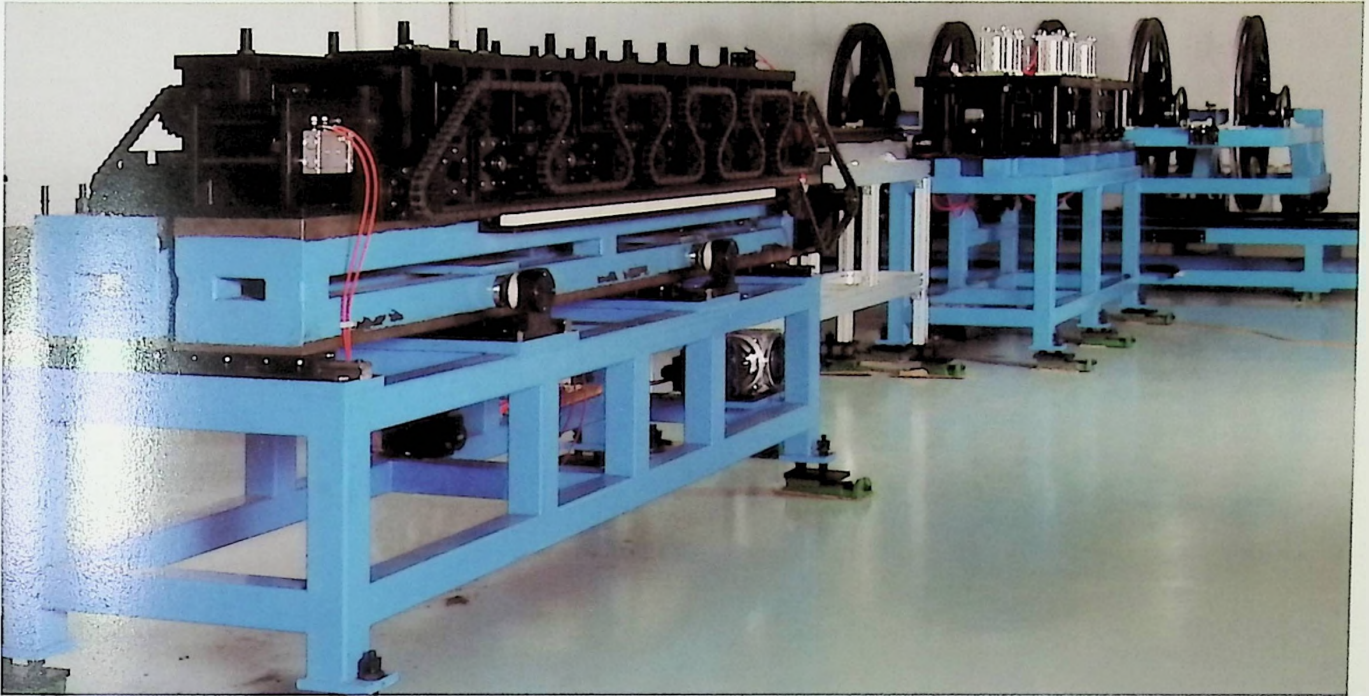
IGU warm edge forming、gasket machine



应用领域：隔热铝型材(断桥铝)门窗、塑钢门窗配套的中空玻璃等。

功能简介：

- 1、采用自动化控制将钣金加工工艺和涂胶工艺有机结合为一体，通过数控编码技术系统控制钣金工艺和涂胶工艺。通过输入待加工玻璃的尺寸和中空间隔尺寸既可以自动生成加工参数,并按照序号自动加工,过程中如果出现有破损玻璃等现象还可以选择自动补片功能进行补片。
- 2、系统智能控制，一次完成U形条裁、剪、冲、折等并同时在U形条的4面上同步涂胶等。
- 3、整机操作简便，设备运行稳定，节省人力，劳动强度低，生产效率高，生产成本低，自动化程度高。
- 4、该设备的金属成型部分还可以用来加工其他形状的金属隔热条。

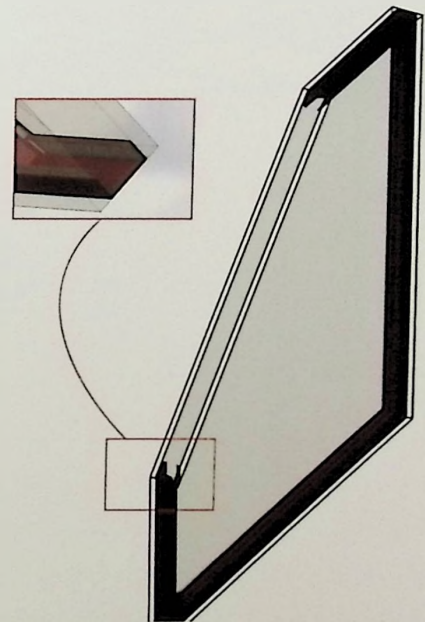


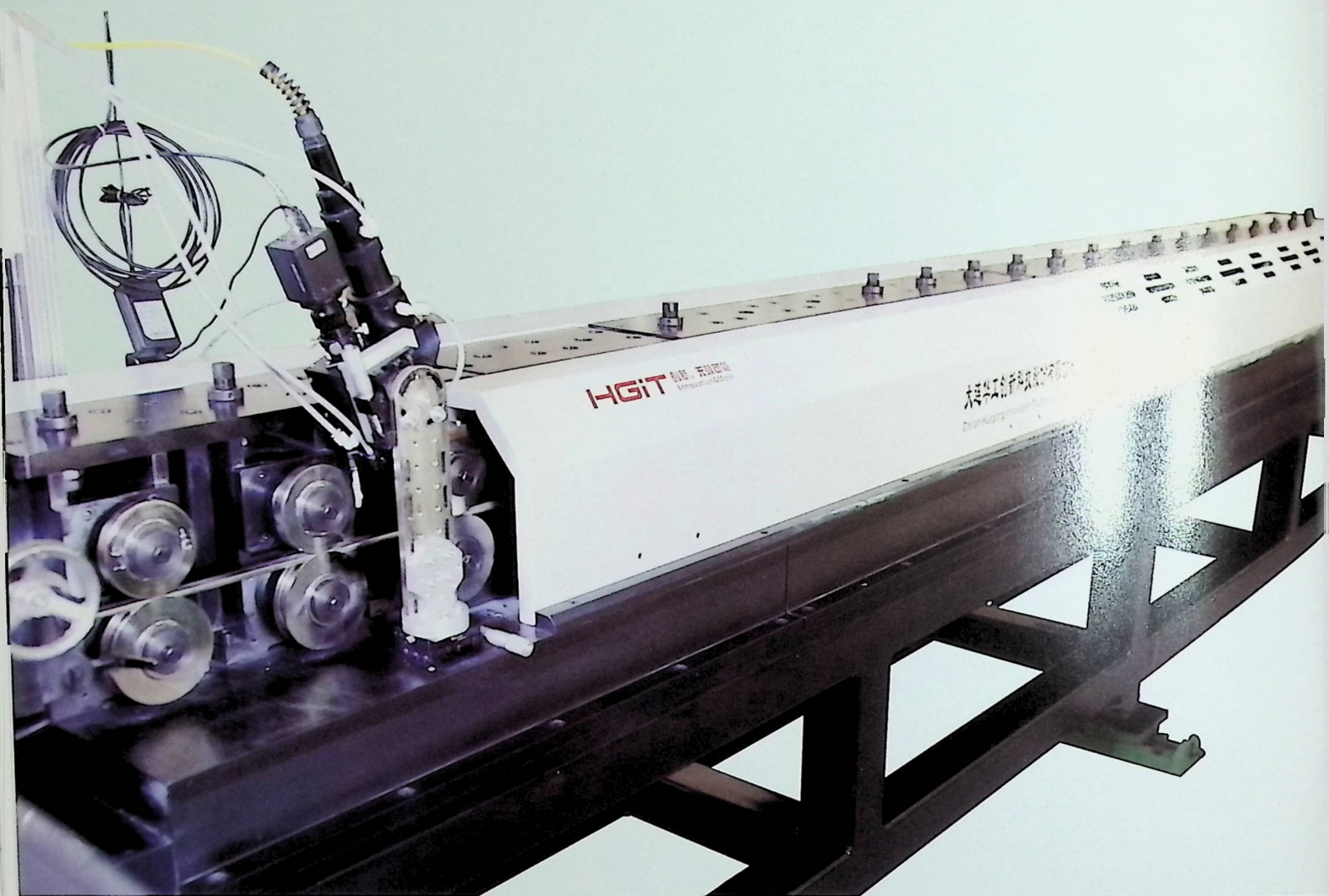
Applications:

Heat Insulation Aluminum Profile(Bridge cut aluminum alloy) doors and windows, Plastic-Steel windows and doors hollow glassed, etc.

Function Introduction:

1. Apply integrated automatic sheet metal processing and glue dispensing processing, control the sheet metal processing and glue dispensing process through CNC coding technology system. The processing parameters can be generated automatically by input the glass size and the hollow part size. Automatic processing accomplished based on the serial number. The supplement of glass can be automatically performed with choosing supplement function if there is any break of glass occurs during the process.
2. The system is intelligent control, clipping, cutting, punching, folding activities of the U groove, and glue dispensing on the four sides of the cavity can be performed in once.
3. The machine is easy to operate, stable in running, saving man power, low labour intensity, high production efficiency, low production cost and high automation level.
4. The metal shaping part of the equipment can also be used in processing other shape metal heat insulation grooves.





不锈钢暖边条成型机介绍

Warm Edge Spacer Forming Machine

不锈钢暖边条成型机是大连华工创新科技股份有限公司的科研团队经过近三年的时间，对超薄不锈钢板进行精密滚压成型的研究、实验和小批量试生产过程，成功的开发出了不锈钢暖边条的整条加工生产设备。该设备经过严格的试验和测试能够完全满足稳定的长时间、连续、批量的用超薄不锈钢带生产加工出中空玻璃使用的的不锈钢暖边条，并确保成形的暖边条截面的几何尺寸均匀、完美

The warm edge spacer forming machine is used for processing complete stainless steel panel, and was developed by the R&D team at Dalian Huagong Innovation Technology Co., Ltd (HGIT). The machine is the result of three years of research and small batch trial production of ultra-thin stainless steel panels through precision rolling and forming. After passing a series of rigorous testing and inspection procedures, the equipment has been proven to fully satisfy the demands of constant, continuous processing of warm edge spacers for hollow glass with ultra-thin stainless steel bands. It also ensures an even and regular geometric form for the warm edge spacer section after forming.

功能介绍

Overview of Functions:

- 1、自动开卷：双盘双轴180度换向，快速更换暖边条不锈钢带开卷机
 - 2、滚压成型机：超薄不锈钢带（0.12-0.15mm）滚压成型主机，由20多组精密滚压轮组成，采用伺服电机驱动，链式传动，速度任意可调，运行平稳可靠
 - 3、整形机：整形机具有三维整形功能，可以对滚压成型的暖边条进行多角度校准、校直。具有自主知识产权
 - 4、高频激光点焊机：脉冲高频激光点焊机，点焊滚压成型的不锈钢暖边条，焊点牢固，焊距均匀美观
 - 5、飞切锯：高速、同步、定尺切割动态下成型的暖边条
1. Automatic uncoiling: 180° dual disc and dual shaft direction conversion, quickly replacing the warm edge spacer band uncoiling mechanism
 2. Roller Forming Machine: the main component for rolling and forming the ultra-thin stainless steel band (0.12-0.15mm), it comprises over 20 sets of precision forming wheels, and is driven by a servo motor. Fully adjustable speed settings, thanks to the chain-driven design, ensure stable and reliable operation of the machine.
 3. Forming machine: the forming machine carries out 3D forming, and is capable of calibrating and straightening the warm edge spacer after rolling. Our company holds an independent patent for this device.
 4. High Frequency Laser Spot Welder: the high frequency pulse laser spot welder is capable of welding the warm edge spacer after rolling, and features a solid welding spot and smooth welding seam
 5. Flying cutter: synchronously cuts the warm edge spacer after dynamic formation, at a high speed and to a specific size

技术参数

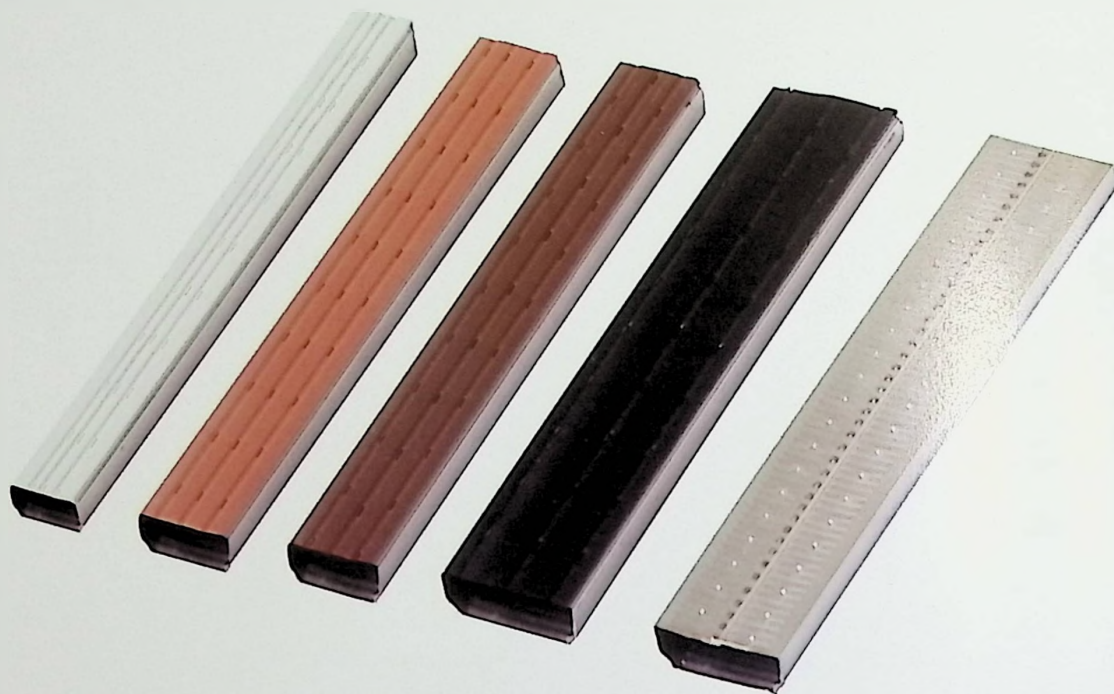
Technical parameters:

型号 Model	HG-S
规格 Specification	NB16-7
截面尺寸 Section dimension	15.5mm×6.5mm
加工速度 Processing speed	0-- 12000mm/min
焊点尺寸 Welding spots dimension	0.5-1mm
焊点间距 Welding spots distance	1-2mm
主机功率 Main motor power	5KW
整机功率 Machine power	30KW (一套激光机include 1 laser welder)
电压 Voltage	380V
频率 Frequency	50Hz
整机外形尺寸 Overall dimension	15000×1000 (不含激光机exclusive laser welder)
占地面积 Floor space	14×2.5



注：Please note:

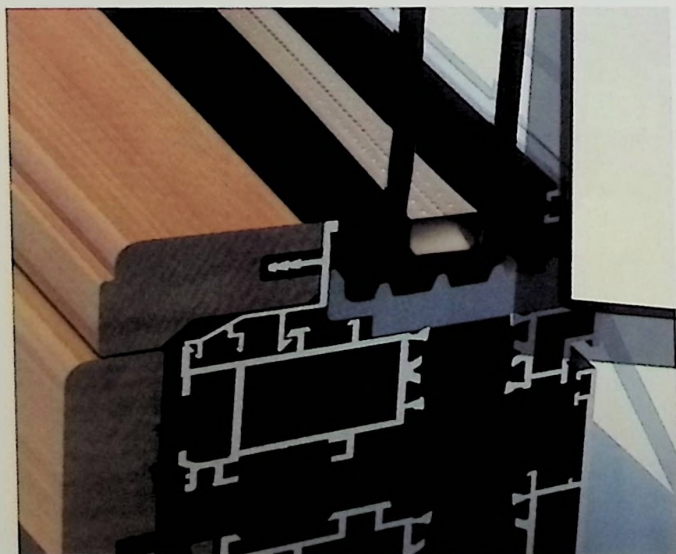
- 1、每一套机器只能加工一种规格形状的不锈钢暖边条
 - 2、加工速度主要取决于激光点焊机的速度、点间距、激光机数量
1. Each piece of equipment is only capable of processing warm edge spacers of one specific shape and configuration
 2. The processing speed depends on the speed of the laser spot welder, the spot spacing and the quantity of laser welder used



ESOLEITE
伊索雷特

伊索雷特暖边间隔条 Esoleite Warm Edge Spacer

伊索雷特品牌暖边条主要有两种，一种是由不锈钢制成的产品，另一种是由不锈钢和塑料复合制成的产品。
Esoleite spacer has two main products, stainless steel or stainless steel and plastic composite products.



隔热节能

Insulation and Energy Saving

低导热的不锈钢，或非金属隔热材料与厚度约只有0.1mm的不锈钢材板完美复合，使得导热性只有传统铝间隔条的7%-2%左右，整体窗U值在0.1-0.2w/㎡k之间。显著提高门窗幕墙系统的节能保温效果。

Low thermal conductivity of stainless steel, or non-metallic insulation materials with a thickness of 0.1mm stainless steel profile perfect composite, Making the thermal conductivity is only approx. 7%-2% comparing with the traditional aluminum spacer, the overall window Uw is between 0.1-0.2w/㎡k. Significantly improve energy-saving effect for the doors and windows curtain wall system.

稳定可靠

Stability

产品满足GB/T1944-2012露点、耐紫外线辐照性能、水汽渗透测试；

整体符合ROHS2011/65EU环保认证的标准。伊索雷特品牌暖边间隔条的不锈钢U体结构增加了间隔条的支撑强度，且能很好地黏结各种密封材料，确保中空玻璃的气密性。

由于不锈钢材料的线性膨胀系数和玻璃非常接近，更有效的保证中空玻璃的密封寿命。

Esoleite warm edge spacer meets the test of Dew point, UV radiation resistance and water vapor permeability test according to GB/T1944-2012.

Esoleite warm edge spacer compliance with ROH2011/65EU Environmental Certification standards. Esoleite warm edge spacer's stainless steel U-shaped structure increases the supporting strength of the interval, and it can be a good adhesion of various sealing materials, ensure the air tightness of insulating glass.

As the linear expansion coefficient of stainless steel and glass is very close, it is more effective to ensure the sealing life time of the insulating glass.

加工便利

Manufacturability

转角折弯时可以在现有加工不锈钢间隔条自动折弯机上进行折弯加工，可根据客户需求加工任何形状。分子筛灌装与现有的铝条相同，不会泄露。非常适应中空玻璃的半自动、自动化生产。

The corner bending can be finished on the existing automatic stainless steel spacer bending machine and any shape can be processed according to customer demand. The molecular sieve filling is same as the existing aluminum strip and no leakage. This product is well adapt to modern semi-automatic and automated insulating glass production.

产品规格及包装

Product specifications and packaging

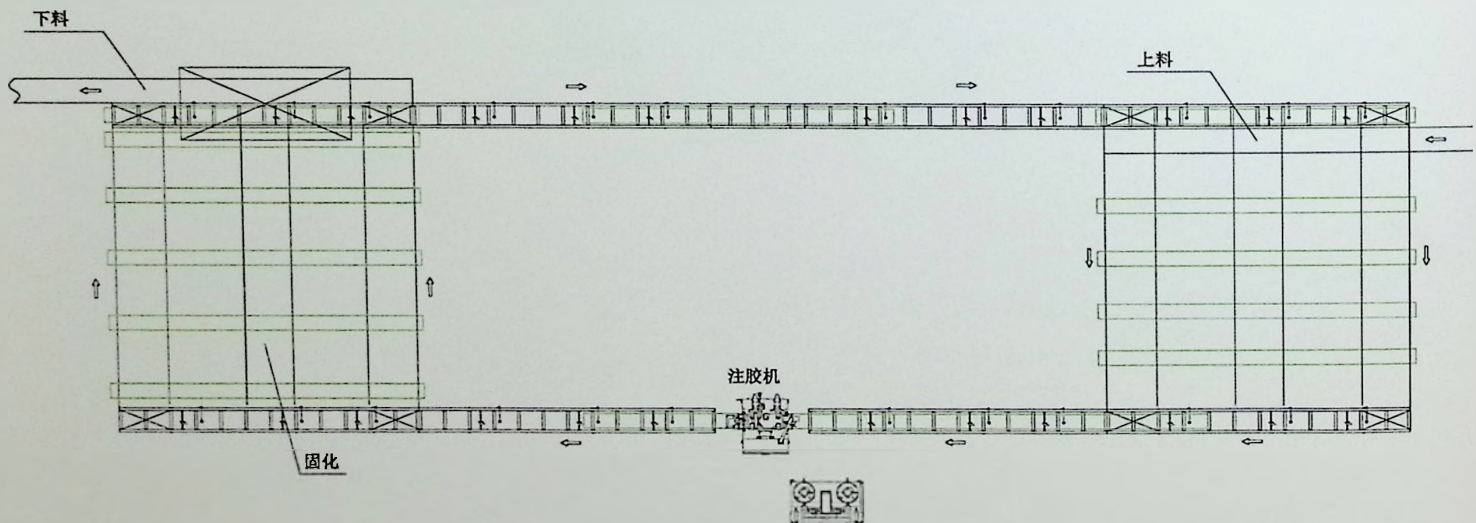
产品型号	截面宽度(mm)	截面高度(mm)	隔热条长度(m)	纸箱包装(支)	铁架包装(支)	材料	导热系数 (w/m.k)
Type	Width	Height	Length	Paper box packing (piece)	Steel rack packing (piece)	Material	Thermal Conductivity
9	8.5	6.9	5	420	5040	高性能隔热材料	0.17
10	9.5	6.9	5	390	4680	High Performance Insulation Material	
12	11.5	6.9	5	320	3840	不锈钢	17
14	13.5	6.9	5	280	3360	Stainless Steel	
16	15.5	6.9	5	240	2880	玻璃	1
18	17.5	6.9	5	220	2640	Glass	
20	19.5	6.9	5	200	2400	铝合金	160
24	23.5	6.9	5	160	1920	Aluminium	

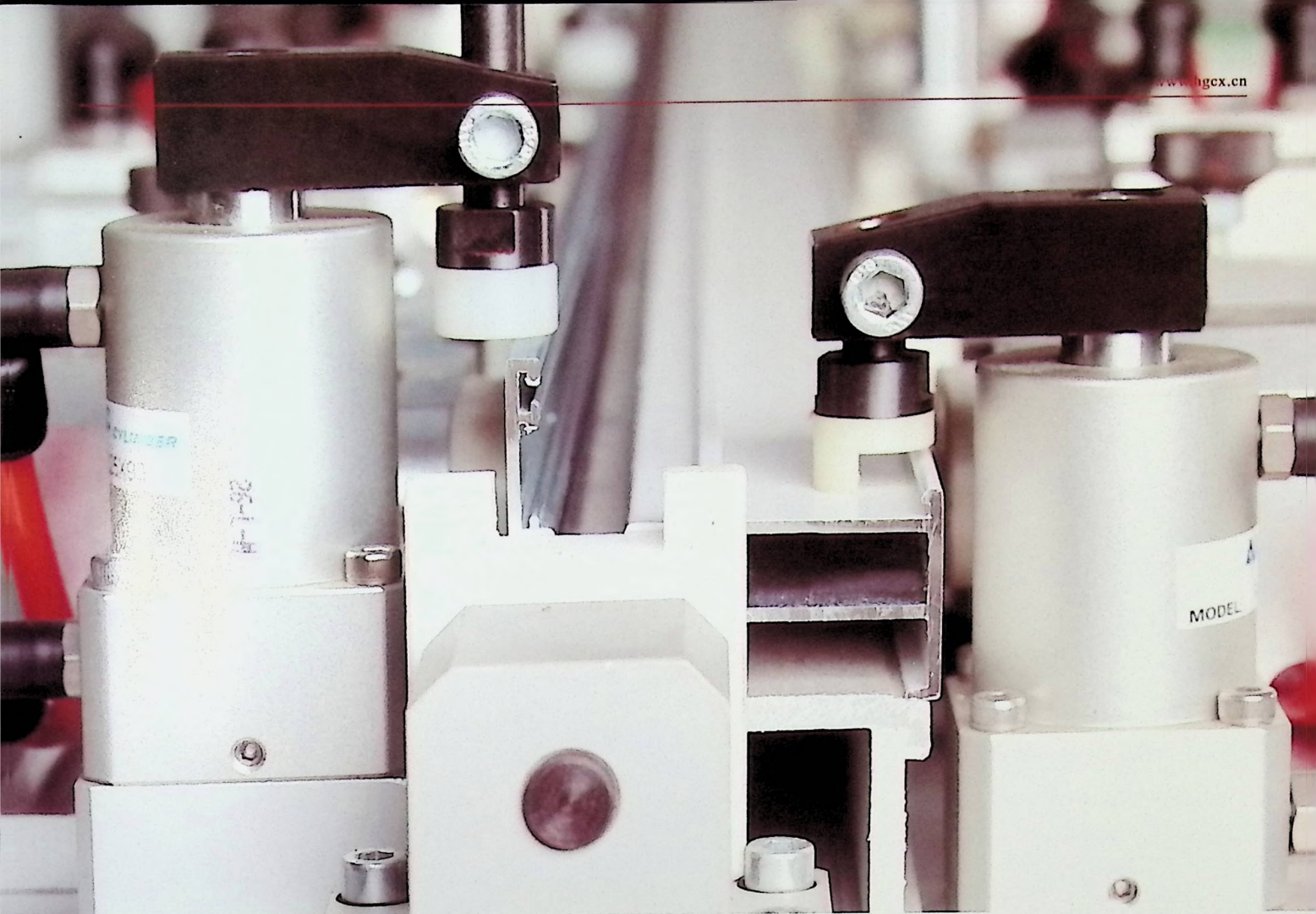
免切桥双色注胶系统（适合双色铝型材工艺）

Two-Color Aluminum Profile System (No Need Cut-off Bridge Process)

注胶系统是我公司经创新设计、制造的隔热铝型材注胶系统。该系统是通过半自动随型卡具分别将室内、室外的不同铝型材进行定位并锁紧，再往预留的槽口中浇注聚氨酯隔热胶水，经过固化、脱卡具完成注胶。这种工艺不仅能够实现双色、单色铝型材的随意组合，而且一步完成从注胶、固化到成品注胶隔热型材制成。这种工艺对铝型材的几何形状控制精确，而且稳定、高效，节省材料、人力、电力，环保并无噪音。同时也改写了注胶隔热型材不能制作双色门窗的历史。

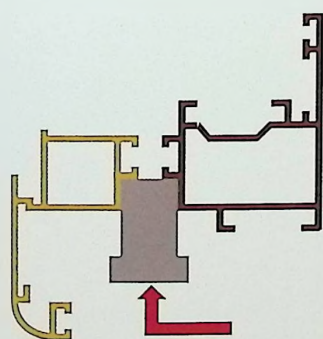
Injection system is an aluminum thermal barrier system manufactured by our company after innovatively design. This system fixes and locks two different pieces of aluminum profiles from indoor and ourdoor separately by semi-automatically as the shape of the fixture, and then pour the polyurethane insulation glue into the reserved notch, after curing, and leaves the fixture to complete the injection technology. This technology cannot only realize the two-color, monochrome random combination of aluminum profiles, but also can finish from pouring the glue, curing to the finished products – aluminum thermal profiles by one step. This process not only controls the geometry of the aluminum profiles precisely, but it is very stable and efficient, it can save material, manpower and electric power, it is environment friendly and with no noise. Meanwhile, it rewrites the history that glue injection profiles cannot make double-color door and window.



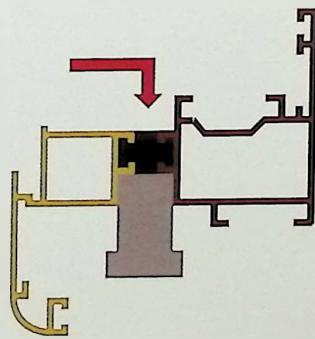


双色注胶工艺流程图

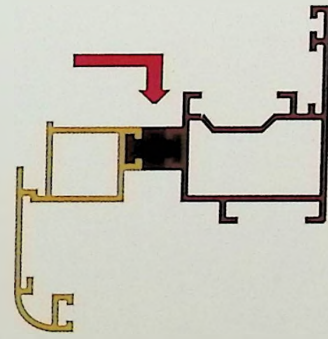
Two-Color Aluminum Profile Injection Process



夹具定位 Fixture Positioning



注胶 Potting



注胶完成 Potting completed



工艺实验室

Process Laboratory

协助多家国外企业进行胶水研发及测试

测试不同混合器与不同胶水的匹配度，找出理想的参数

Assist many foreign enterprises in glue research, development and testing

Test matching rate for different mixers with different glues and find out ideal parameters

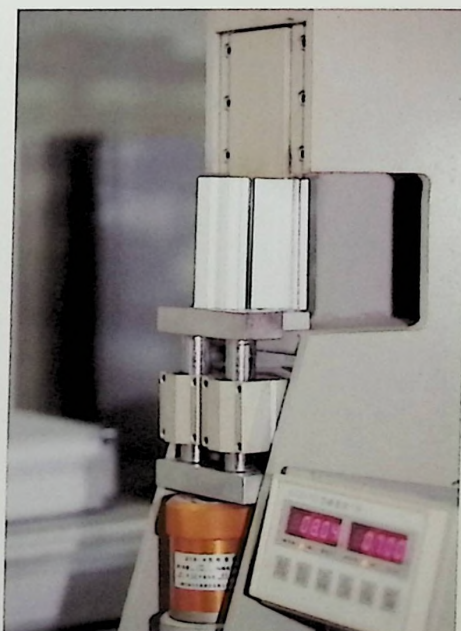
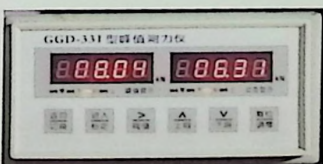
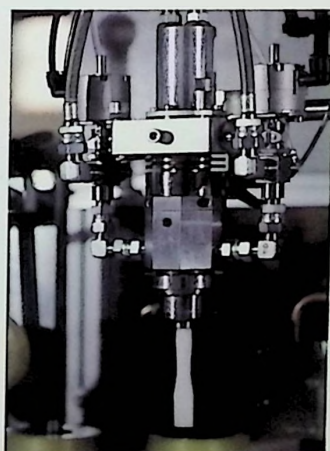


机械实验室

Mechanical Laboratory

对创新产品的机械性能进行抗疲劳实验，并做综合测定，获取相关的技术参数，为产品的批量生产提供保障，为客户解决设备在使用过程中出现的机械方面的各种问题，并提出完善意见，使设备不断创新。

Conduct fatigue test to mechanical property of new product, provide comprehensive determination, and obtain relevant technical parameters supporting production. Solve various mechanical problems occurred in the process of using equipment for client and raise perfection opinions in order to continuously innovate the equipment.



售后服务团队

After-sales Service Team



独有远程服务功能：华工技术服务中心可通过设备的网络连接，进行远程音频、视频实时对话、程序监控、可视故障诊断及指导排除，实现售后服务零距离、零时差。

Remote Service Function

HGIT technical service center can provide remote audio, video real time dialogues, program monitoring, and visual fault diagnosis and exclusion instruction through the network connection of the device, to achieve zero distance, zero time difference after sale services.

客户满意是决定我们成功的最关键因素，只有客户成功才能成就我们的未来。

我们为客户提供迅速、完善、优质的解决方案与服务。

尽职尽责是我们立足的基础。

创新，是我们发展的不竭动力。

环保，是我们的责任，更是我们的一项事业。

Customer's satisfaction is the most critical factor to determine our success.

Only customer's success can bring us a better future. We provide customers with rapid, complete, high-quality solutions and services.

Due diligence is the base of our foundation.

Innovation is an inexhaustible motive force of our development.

We regard energy-saving and environment protection as our responsibility, more, our career.



客户与售后服务分布

After-sales Service Centers



● 客户分布：

韩国、巴西、澳大利亚、加拿大、叙利亚、马来西亚、台湾、卡塔尔、沙特阿拉伯、厄瓜多尔、印度、菲律宾、俄罗斯、印度尼西亚、阿根廷、缅甸、埃及、约旦、阿拉伯联合酋长国、台湾、波兰、意大利、秘鲁、黎巴嫩、巴林、土耳其、南非、斯里兰卡、哈萨克斯坦、中国

● 代理分布：

沙特阿拉伯、韩国、印度、土耳其、菲律宾、越南、巴西、阿根廷、秘鲁、厄瓜多尔、芬兰、挪威、瑞典、意大利、台湾、埃及、中国

● 售后服务分布：

韩国（高阳 安山 汉城）、印度（班加罗尔 德里 孟买）、土耳其（伊斯坦布尔）、菲律宾（马尼拉）、巴西、阿根廷、秘鲁、芬兰、挪威、瑞典、意大利

● CUSTOMERS

Korea, Brazil, Australia, Canada, Syria, Malaysia, Thailand, Qatar, Saudi Arabia, Ecuador, India, Philippine, Russia, Indonesia, Argentina, Myanmar, Egypt, Jordan, UAE, Taiwan, Poland, Italy, Peru, Lebanon, Bahrain, Turkey, South Africa, Sri Lanka, Kazakhstan, China

△ AGENTS

Saudi Arabia, Korea, India, Turkey, Philippine, Vietnam, Brazil, Argentina, Peru, Ecuador, Finland, Norway, Sweden, Italy, Thailand, Egypt, China

■ SERVICE OFFICES

Korea(Goyang Ansan Seoul)、India(Bangalore Delhi Bombay)、Turkey(Istanbul)、Philippine(Manila)、Brazil、Argentina、Peru、Finland、Norway、Sweden、Italy

陶氏化学公司

About Dow

创建于1897年，运用科学和技术的力量，不断创新，为人类创造更美好的生活。公司通过材料、聚合物、化学和生物科学来推动创新和创造价值，全力解决当今世界的诸多挑战，如满足人们对清洁水的需求、实现可再生能源的生产和节约、提高农作物产量等。陶氏以其一体化、市场驱动型、行业领先的特种化学、高新材料、农业科学和塑料等业务，为全球约180个国家和地区的客户种类繁多的产品及服务，应用于包装、电子产品、水处理、涂料和农业等高速发展的市场。

2015年销售额近490亿美元

在全球拥有约49,500名员工

在全球35个国家和地区运营179个生产基地，产品系列达6,000多种

Dow Chemical (NYSE: DOW), founded in 1897, combines the power of science and technology to passionately innovate what is essential to human progress. The Company is driving innovations that extract value from the intersection of chemical, physical and biological science to help address many of the world's most challenging problems such as the need for clean water, clean energy generation and conservation, and improving agricultural productivity. Dow's integrated, market-driven, industry-leading portfolio of specialty chemical, advanced materials science and plastics businesses delivers a broad range of technology-based products and solutions to customers in approximately 180 countries and in high-growth sectors such as packaging, electronics, water, coatings and agriculture.

In 2015, Dow had annual sales of nearly \$49 billion and employed approximately 49,500 people worldwide.

The Company's more than 6,000 product families are manufactured at 179 sites in 35 countries across the globe.

陶氏产品的门窗系统应用

The doors and windows application of Dow products



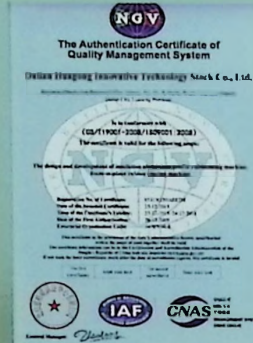
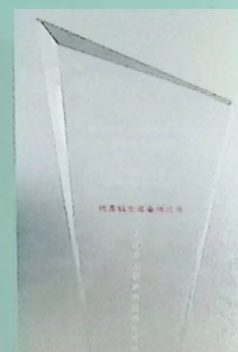
展会图片展示 The Exhibitions



公司活动 Company Activities



证书 Certifications



WHY CHOOSE HGIT?

为什么选择华工

卓越的隔热性能：智能化的设备和聚氨酯材料的有机结合，充分保证了产品质量的稳定性。在任何环境中，都能做到良好的隔热，将寒冷、炎热统统阻挡；

可靠的安全性能：设备的预警提示、预防系统及环保设计，是客户安全与健康的重要保证；

更高的生产效率：各种打胶生产工艺简单，可根据需要选择不同的自动化程度，浇注或发泡均可高效、便捷的实现；

个性化的服务：致力于浇注及发泡系统的研发与制造，可根据客户的不同需求，提供个性化定制服务。

Excellent insulating performance: The integration of intelligent equipment and polyurethane materials guarantee the product's stable quality. In any environment, it can do a good heat insulation performance, block out all cold and heat.

Reliable safety performance: Warnings, prevention system and environmental protection design of the equipment provides customers an important guarantee for the safety and health.

Higher production efficiency: Simple production process, choosing a varying degree of automation equipment according to the needs, efficient and convenient to be realized potting and foaming process.

Personalized service: Specialized in developing and manufacturing potting (filling) and foaming system, provide personalized services according to different customers' needs



助力您实现完美的系统门窗解决方案

Assist you to achieve perfect solutions of Doors and Windows System

HGiT 创新，无限可能
Innovation & More

大连华工创新科技股份有限公司

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