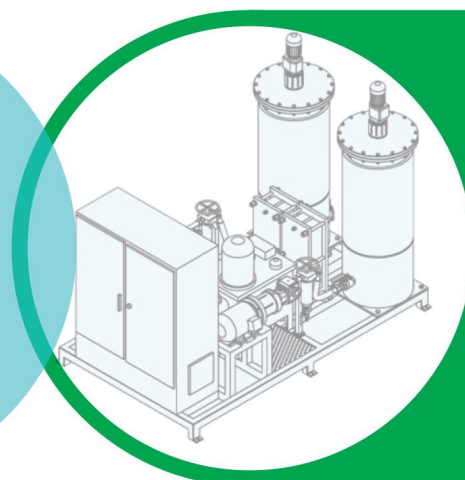


股权代码
100020HN



湖南精正设备制造有限公司
HUNAN JINGZHENG EQUIPMENT MANUFACTURE CO.,LTD



COMPANY PROFILE 公司简介 >>>

湖南精正设备制造有限公司系从事聚氨酯装备机械设计与制造的民营科技型企业，公司成立于1993年，历经20多年的发展，已成为我国聚氨酯装备机械的骨干企业和中国聚氨酯行业整体淘汰ODS的专业制造商。

公司的主要产品为高压发泡机、层压机、复合材料RIM设备、各类聚氨酯制品生产线、原料预混、储存输送系统等。服务领域涵盖家电、汽车内饰件、保温建材、保温管道、家具等行业。

公司有较强的技术创新能力和市场开发能力，又依托于强有力的军工技术和制造能力，具有较强的市场竞争实力。公司以创新的设计，精湛的制作、一流的产品和满意的服务为海尔、海信、烟台万华、奇瑞汽车、宇通客车、马士基、美国江森、美国李尔、中国中车等国内外众多企业提供了大量的聚氨酯系列设备，树立了良好的信誉，得到了用户的信赖。

公司与德国、意大利、韩国等国的多家聚氨酯设备制造商建立了良好的合作关系。公司与清华大学材料科学与工程系合作研制的“陶瓷胶态注射成型机”，为陶瓷胶态注射成型技术的重点装备，属于国家“863”计划项目。

追求专精，把全部精力集中在聚氨酯装备技术这个专业上，并抱着做强做大的决心，抱着追求尽善尽美的态度，在管理、技术、品牌、销售、服务等方面努力形成自己的核心能力和优势，这是精正公司长期坚持的经营战略。



Hunan Jingzheng Equipment Manufacture Co.,Ltd, established in 1993, is a private science and technology professional company which is occupied in the design and manufacture of polyurethane equipment. Going through more than 20 years development, our company has become the leading enterprise of polyurethane equipment in China and the professional manufacturer which weed out ODS entirely in Chinese polyurethane industry.

The main products of our company including Various high pressure foaming machine, laminating machine (press machine), composite material RIM equipment, PU sandwich panel line and variety production line for making polyurethane product, raw material pre-mixing & storage delivery system etc. The service filed covering home appliance, automotive interior, thermal insulation building materials, thermal insulation pipelines and furnitures etc.

We have strong abilities in technical innovation and market development. As we have innovative design, consummate manufacture, best products and approving service, we have provided a variety of PU equipment to many domestic and overseas enterprises, Such as Haier, Hisense, Yantai Wanhua, Chery, Yutong, Maersk group, Johnson Control, Lear group, CRRC etc. For above, we not only gained good trade reputation and client trust, but also export our products to UAE, Egypt, Syria, Sir Lanka, Malaysia, Peru, Jordan, India, Russia etc.

We have built harmonious cooperation relationships with many PU equipment manufacturers in German, Italy. Besides, we had developed a colloidal ceramic injection and curing machine with Tsinghua University materials science and engineering department. This machine is a key equipment in colloidal ceramic form technology, and it belongs to one of the projects in countries 863 plan.

We pursuit of profession and consummate and focus on the PU equipment technology with all energy. We believe that we can be stronger and pursuit consummate so that we can form our core competence and advantages in culture, management, technology, branding, marketing, service and other aspects. It is also our long-standing business strategy.

COMPANY LISTING ON SSE STAR MARKET 公司在省科创专板成功挂牌 >>>



2020年8月28日，湖南精正设备制造公司举行科技创新专板挂牌仪式。雨湖区委书记白云峰与湖南精正设备制造有限公司董事长颜剑共同为精正公司鸣锣开市。

湖南股权交易所董事长易卫红，区委副书记、区长周艳希，市经研金融办副主任黎杰，市工信局副局长徐德英，区委常委、区委办主任刘奖红，副区长匡龙，湖南股权交易所湘潭分所副总经理周佳参加仪式。周艳希主持仪式。

当天，易卫红宣读了企业挂牌通知书，易卫红与匡龙共同为湖南精正设备制造有限公司授牌。



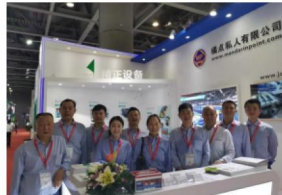
同一个目标携手共进
同一个梦想合作共赢

对**品质**的精益求精
对**工作**的一丝不苟
对**完美**的孜孜追求



COMPANY STYLE

公司风采 >>>



HUNAN JINGZHENG EQUIPMENT

QUALIFICATION 企业资质 >>>

市场是海 精正是帆 扬帆向前 坚忍不拔

精正企业愿景

持续提升，将公司建成
世界聚氨酯装备机械行业中
极有竞争力的企业

精正企业精神

立正：以诚为本作风求正
求精：认真严谨追求专精
务实：尊重科学实事求是
创新：开拓求新敢为人先

精正企业使命

为用户创造价值，
为员工改善生活，
为社会承担责任。

精正企业价值观

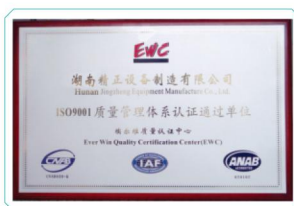
用户至上 人才至上
效益至上 奋斗至上

精正企业哲学观

人和 人信 人智 人勤 人升

精正企业员工信奉

在市场上开源，
在生产中节流。
无功是过，唯旗是夺。



环氧注塑机 Epoxy resin injection machine



该环氧树脂注塑机配备独立的内脱模剂罐和清洗剂罐，在实际生产过程中，能够简化生产工序，缩短产品生产周期。

此设备主要适用于RTM工艺，同时通过对混合头的调整，也可适用于拉挤生产线，湿法模压生产线等等。

The epoxy resin injection machine is equipped with independent internal release agent tank and cleaning agent tank. In the actual production process, it can simplify the production process and shorten the production cycle.

This machine is mainly suitable for RTM process. At the same time, it can also be used for pultrusion production line and wet molding production line by adjusting the mixing head.

尼龙注塑机（PA-RIM注塑机） Nylon Injection Machine (PA-RIM injection machine)



用于热塑性尼龙树脂反应注塑机，是整条反应拉挤生产线中的重要一环

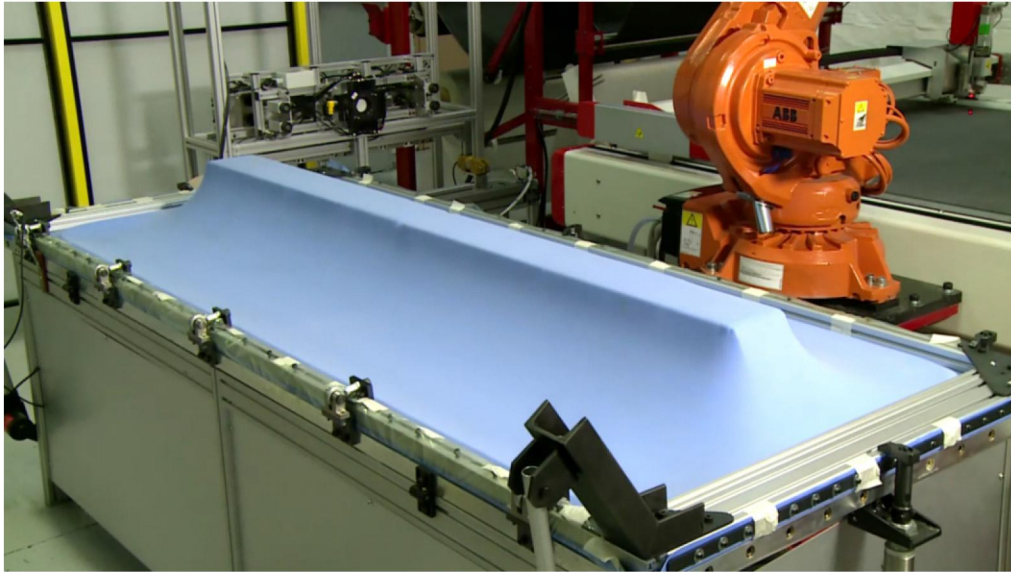
从己内酰胺原料的预处理到原料的反应注塑，都智能化控制。整套设备满足连续生产的要求，在国内属于领先地位。

It is used for thermoplastic nylon resin reaction injection molding machine, it is an important part of the entire reaction pultrusion production line.

The equipment is intelligently controlled from the pretreatment of caprolactam raw materials to the reaction injection of raw materials, The whole set of equipment meets the requirements of continuous production and is in a leading position in China.

热隔膜成型设备

Thermal insulation film forming machine



这套设备是应对RTM成型工艺中的预成型工序而预研的。同时，该设备配置了急冷急热系统，更可以直接进行预浸料的成型（热隔膜成型工艺），适用性更广。

This set of equipment is researched by the company to cope with the pre-forming process in the RTM forming process. At the same time, the machine is equipped with a rapid cooling and heating system, which can directly perform prepreg molding (hot diaphragm molding process), and has a wider applicability

拉挤生产线

Pultrusion production line



拉挤生产线包括传统的环氧树脂浸胶拉挤生产线和新型的热固性聚氨酯反应拉挤生产线和热塑性尼龙反应拉挤生产线。

This pultrusion production line includes traditional epoxy resin dipping pultrusion production line and new thermosetting polyurethane reaction pultrusion production line and thermoplastic nylon reaction pultrusion production line.

高温尼龙板材生产线 High temperature nylon panel production line



用于高温连续反应尼龙板材的生产，模板控制温度在100-200℃可调，其自动浇注系统及自动旋转模架均为完全自主知识产权设备。

This production line is used for the production of high temperature continuous reaction nylon panel, the platen temperature is controlled and adjustable within 100-200 , the automatic injection system and rotary cassette of this equipment are all our complete independent intellectual property right.

离心浇注尼龙生产线 Centrifuge injection nylon production line

离心浇注尼龙生产线模具旋转速度最高转速为1000转/分，模具加热系统为空气传导，在旋转室内对空间加热，温度控制精度为 $\pm 3^{\circ}\text{C}$ 。

The maximum mold revolution of this production line is 1000RPM/min, it adopts air-conducting to heat in rotary room, temperature control accuracy is ± 3 .



高压发泡机 PU high pressure foaming machine



聚氨酯高压发泡机广泛应用于家电、汽车内饰件以及保温建材产品的发泡生产。

PU high pressure foaming machine is widely used in the foaming production of home appliance, automotive interior and insulation building material products.



环戊烷发泡机 Cyclopentane foaming machine

环戊烷发泡机作为淘汰ODS的发泡主机，广泛应用在家电、保温等行业的发泡生产，该设备适应环戊烷发泡，配置有安全报警系统，安全性能高。

Cyclopentane foaming machine, as the main foaming machine of eliminating ODS, is widely used in the foaming production of home appliance and insulation building material etc, this equipment is suitable for cyclopentane to foam, and equipped with high performance safety alarm system.



汽车座椅多组份高压发泡机 Multi-components high pressure foaming machine for automotive seat



多组份高压发泡机广泛用于汽车、摩托车座椅发泡生产，根据不同的原料配方及流量比例，适应多种密度和硬度的发泡。

Multi-components high pressure foaming machine is mainly suitable for various density and rigidity product to foam according to different material formula and flowrate ratio, widely used in the production of automotive seat and motorcycle seat.



连续板材发泡机 Continuous sandwich panel foaming machine



用于连续板材的生产，适用于生产PUR或PIR，可以是2组份，4组份或6组份。

This foaming machine is used for the continuous production of sandwich panel, which is suitable for producing PUR or PIR, and it can be 2 components, 4 components or 6 components.



600型、1000型大流量高压发泡机 600 type 1000 type large flowrate high pressure foaming machine

专门针对保温管道行业开发的600型、1000型发泡机用于直径1400mm甚至1800mm以上大口径保温管道的生产。每秒最大流量可以达到10-18kg。

This 600 type 1000 type foaming machine is developed especially against insulation pipe industry, and widely used in the production of large diameter insulation pipe with a diameter of 1400mm or above 1800mm, max flow rate can reach 10-18Kg/second



弹性体浇注机 Elastomeric casting machine

聚氨酯弹性体浇注机，适合制造车轮、胶辊、筛网、叶轮、溜冰轮等。

PU elastomeric casting machine is used for producing vehicle wheel, robber roller, screen mesh, impeller and skating wheel.



低压发泡机 Low pressure foaming machine

用于生产硬泡、半硬泡或软泡聚氨酯制品，如沙发、头枕、保温板等。

Low pressure foaming machine is used for producing rigid, semi-rigid or flexible foam product, such as sofa, headrest and insulation board etc.



多组份静态混合机 Multi-components static premixing machine



静态混合设备广泛应用于家电、保温行业，适用环戊烷或催化剂或245fa等原料的预混。

Static premixing machine is widely used in home application and insulation industry, It is suitable for multi-components material to pre-blend such as cyclopentane, catalyst or 245fa etc material.



全自动预混系统 Full-automatic blending system



全自动预混系统在汽车座椅发泡行业应用广泛，该预混自动化程度很高，能适应多种原料多种配比预混，并且具有自动跟踪各组份原料的流量、比例、重量，自动储存混料数据报表，控制超差报警等功能。

Full-automatic blending system is widely used in the application of automotive seat production, with high automation, this system can be suitable for multi materials and multi formula to pre-blend, and it also has the functions of automatically tracking material flowrate, ratio and weight of each component, automatically saving blending data report and controlling alarm of exceeding-tolerance.

原料储存系统 Raw material storage system

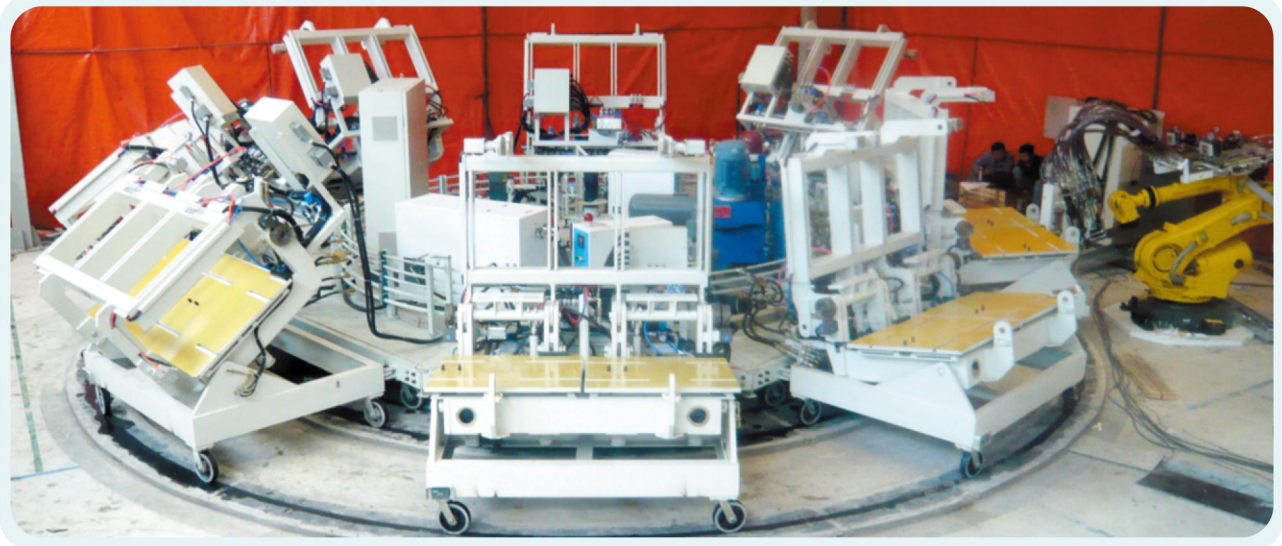


原料储存系统用于多元醇/异氰酸酯/环戊烷原料的储存，该套设备可实现从卸料，供料到输料的全部自动化。

Raw material storage system is used for storing POLY/ISO/Pentane, it also can realize the material to transfer with high automation, including unloading from truck tank and feeding to day tank.



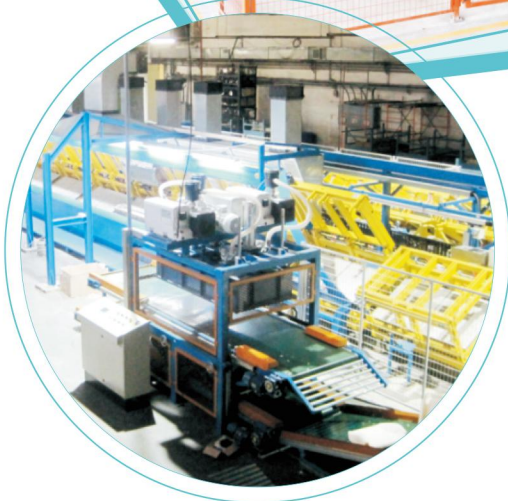
转盘生产线 Turntable production line



汽车内饰转盘生产线采用一台水平圆形转盘，通过减速机驱动，在转盘上放置液压/气动模架，自动开、合模。采用机器人自动方式浇注，适用于汽车座椅，汽车内饰件的发泡。

Turntable production line, adopting one set of horizontal round turntable, is driven by reducer to rotate, hydraulic/pneumatic cassettes are mounted on the turntable to realize the mold open and close automatically, it adopts robot to inject, widely used in the foam of automotive seat and interior.

环形生产线 Oval production line



环形生产线采用椭圆形布置，适应汽车座椅的多品种、多密度、多硬度泡沫。

Oval production line adopts ellipse to arrange, and suitable for multi type, multi density and rigidity products to foam in automotive seat production.

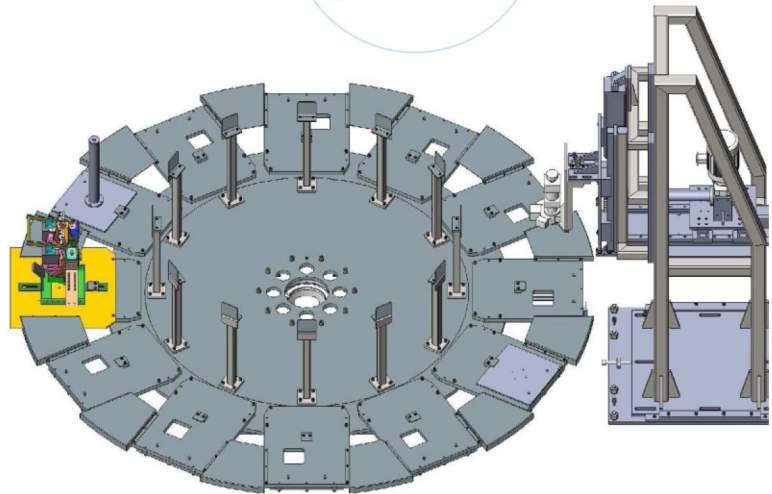


头枕发泡生产线 Headrest foaming production line



采用环形或圆形结构，适合于各种头枕、护手等小件的开模或闭模浇注。

The production line adopts oval or circle structure, suitable for various headrest, armrest and other small work pieces to inject in mold-opening or mold-closing.



破泡机 Crusher

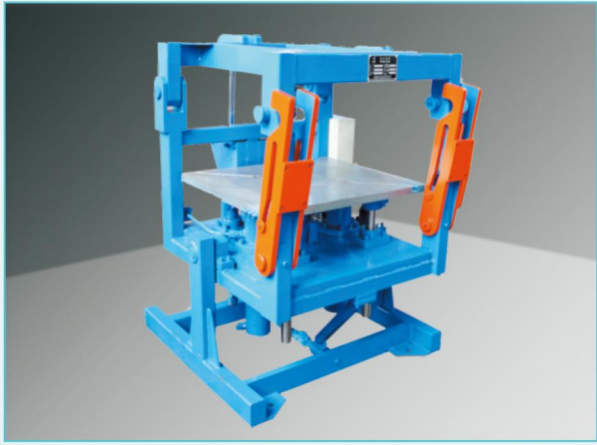


机械及真空开泡机主要应用在软泡的生产破泡，可以根据客户的要求设计不同型号规格。

Mechanical & vacuum crusher is mainly used in the crushing of flexible foam, different specification can be designed according to customer's requirements.



模架
Cassette

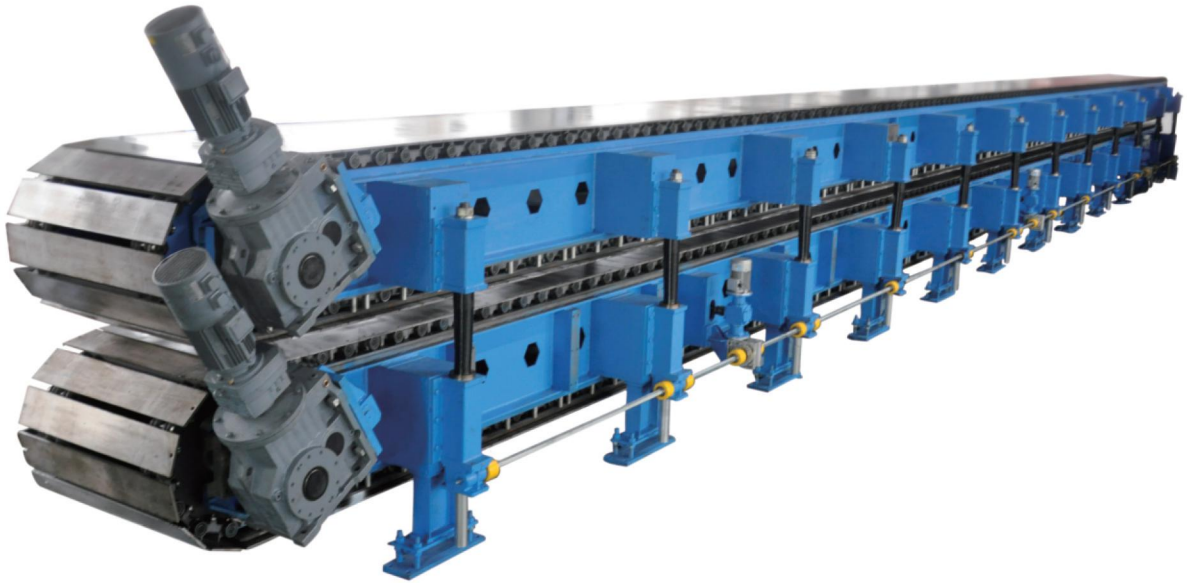


各类气动、液压模架主要用于汽车方向盘、座椅、仪表盘以及冰箱、冷柜发泡生产。

Various pneumatic and hydraulic cassette are used for the foamng production of automotive steering wheel, seat, instrument board, as well as refrigerator and freezer.

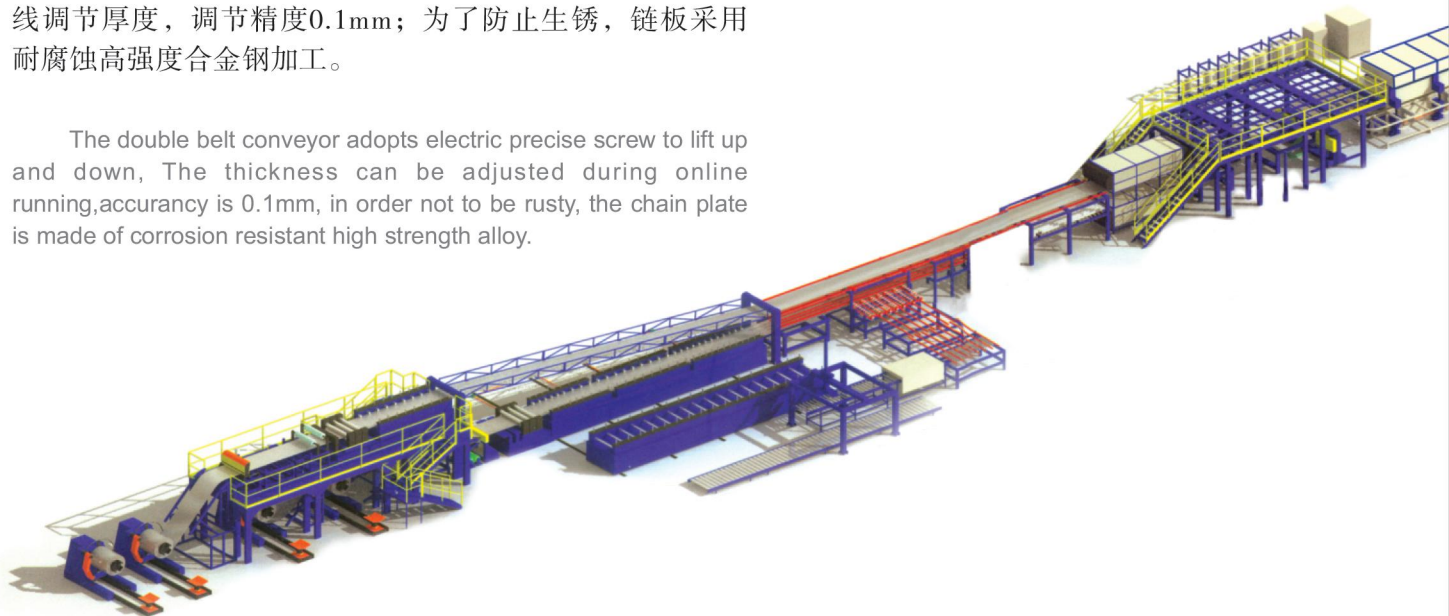


连续板材生产线 PU sandwich panel continuous production line



双履带采用电动精密丝杆上下升降，可以在运行中在线调节厚度，调节精度0.1mm；为了防止生锈，链板采用耐腐蚀高强度合金钢加工。

The double belt conveyor adopts electric precise screw to lift up and down, The thickness can be adjusted during online running, accuracy is 0.1mm, in order not to be rusty, the chain plate is made of corrosion resistant high strength alloy.



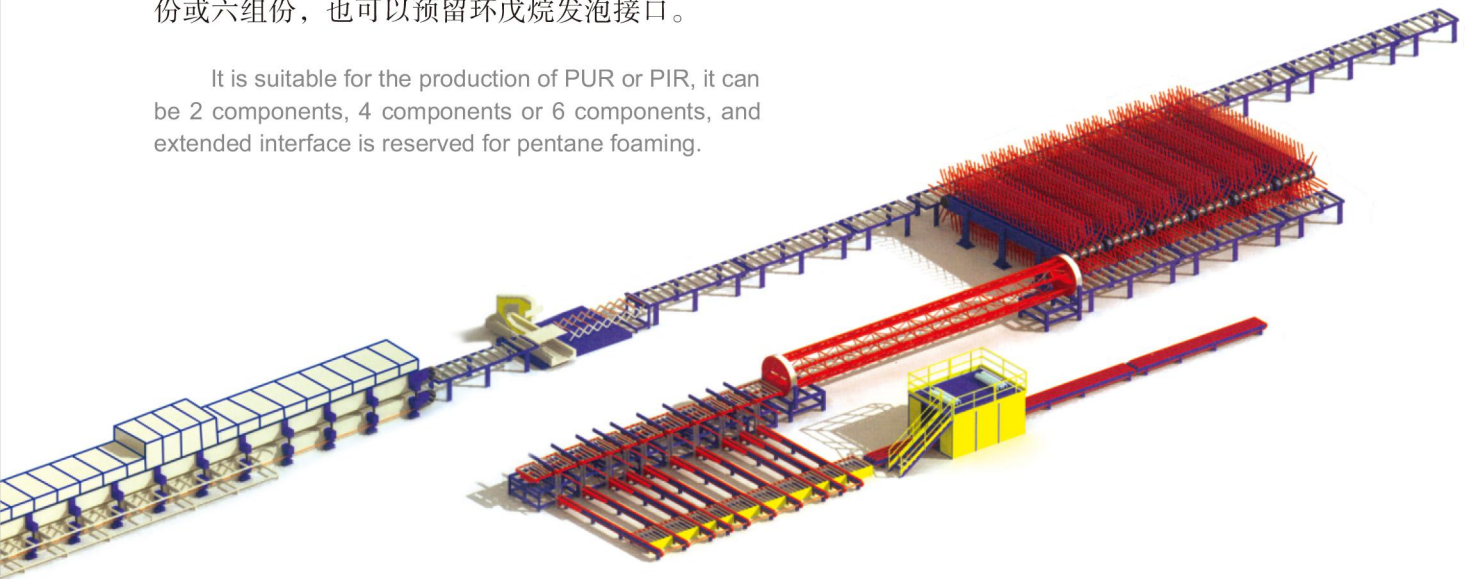


▲ 多组分发泡机

Multiple component high pressure foaming machine

适合于生产PUR或PIR,可以是两组份、四组份或六组份,也可以预留环戊烷发泡接口。

It is suitable for the production of PUR or PIR, it can be 2 components, 4 components or 6 components, and extended interface is reserved for pentane foaming.

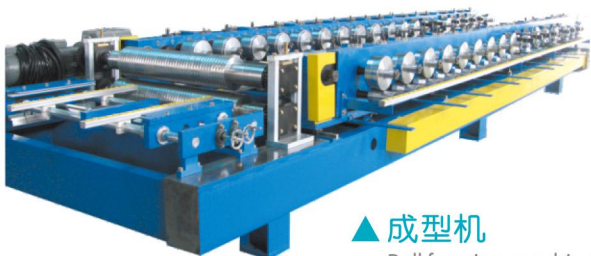


▲ 布料装置

Material distribution device

采用一个或两个混合头交叉布料, 伺服驱动, 布料精准。

One or two mixing heads are adopted for raw material crossing distributing. In order to make the raw material distributed evenly, it adopts servo motor to drive.



▲ 成型机

Roll forming machine

可生产屋面板、墙面板、冷库板各种不同板型。

Roll forming machine can produce all kinds of sandwich panel, such as roof panel, wall panel and cold storage panel etc.

连续板材生产线

PU sandwich panel continuous production line



◀ 翻转码垛系统

Turnover anel stacker system



▲ 双履带热成型机 Double belt thermal pressing machine



▲ 开卷机 Decoiler



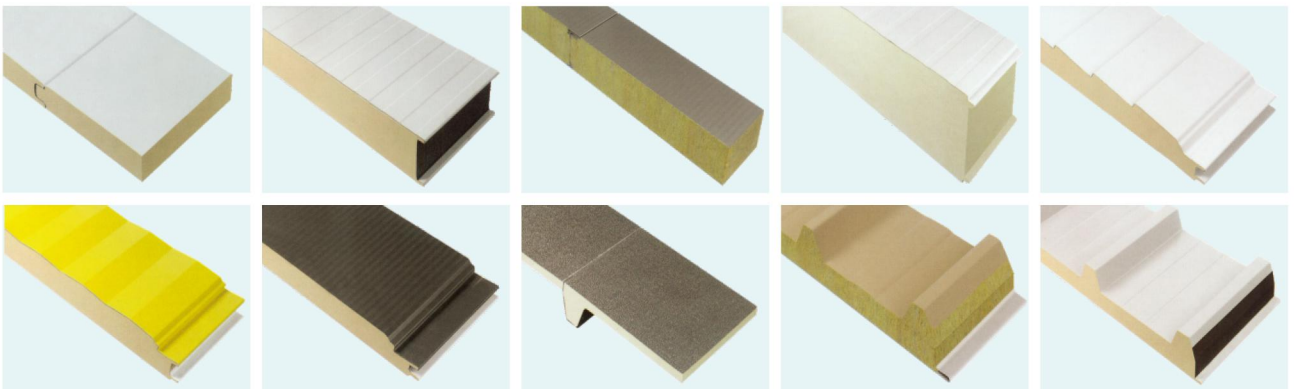
▲ 切割机 Cutting Machine



▲ 成型机 Roll forming machine



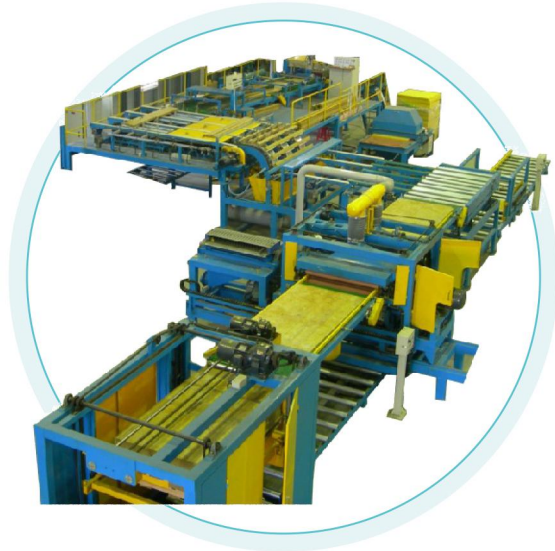
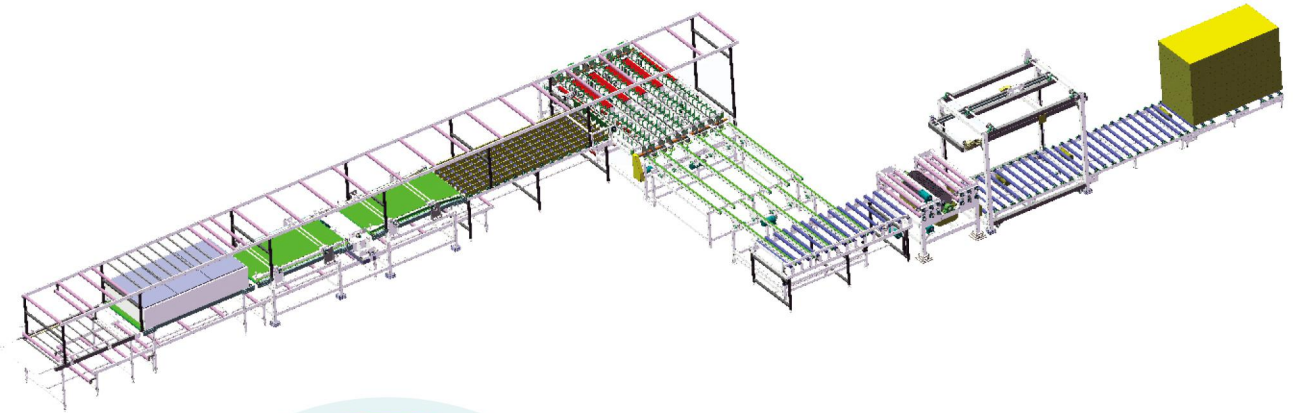
▲ 凉板系统 Panel cooling system



▲ 板型图 Panel profiles

岩棉板上料切割机

Rock wool board loading and cutting machine



用于矿物棉的装载、切割、补料和自动排料。

It is used for the loading, cutting, feeding and auto tidying for the mineral wool.

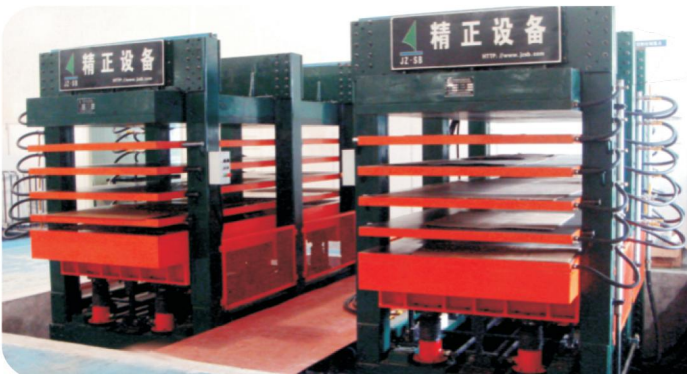
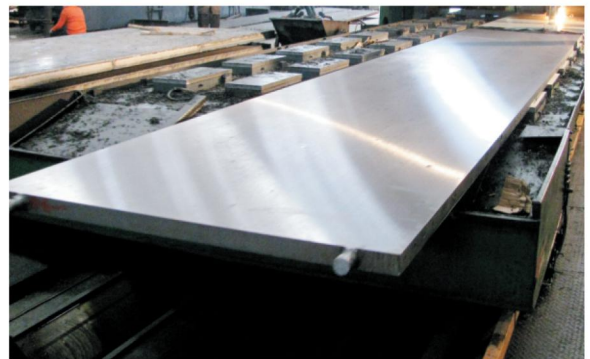


层压设备 Press machine



用于非连续方式生产面层为彩钢，镀锌板，中间夹芯PU的三明治板，最大长度15000mm,最大宽度3200mm,厚度50~200mm的单层或多层，多工位层压机。

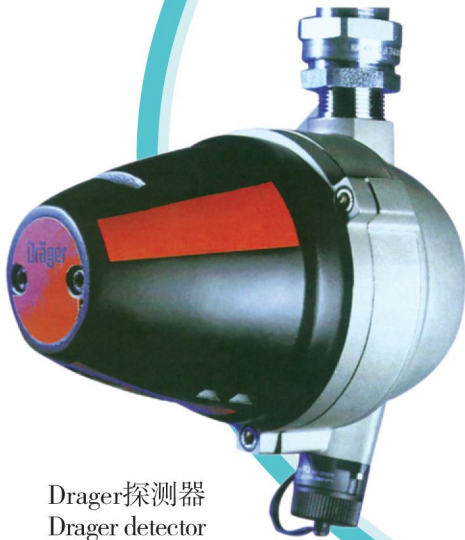
The press machine is used for discontinuous production of pu sandwich panel, facing sheet of which is color steel or galvanized sheet. There are single layer,multi layers and multi station type for the machine, maximum length can reach 15000mm, and 3200mm for maximum width. The thickness can be adjusted from 50-200mm.



安全系统
Safety system



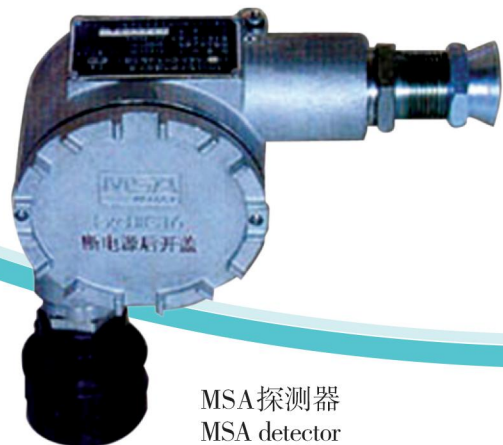
气体报警控制系统
gas alarm system



Dräger探测器
Dräger detector



报警柜
alarm cabinet



MSA探测器
MSA detector



Dräger 监测控制系统
Dräger monitored control system



生产线报警系统
production line
alarm system



气体报警控制系统
gas alarm system



MSA气体报警控制系统
MSA gas alarm system

备品备件
Spare part



流量计系列

- ◆ 德国VSE齿轮（蜗轮）式流量计
- ◆ 德国KRACHT齿轮（蜗轮）式流量计

Flow meter series
VSE gear(turbine) type flow meter from Germany
KRACHT gear(turbine) type flow meter from Germany



各类磁性联轴器

- ◆ 配置在高压计量泵上的磁性联轴器
- ◆ 配置在输送齿轮泵/螺杆泵上的磁性联轴器
- ◆ 配置在料罐搅拌上的磁性联轴器

Various magnetic coupling
Equipped on the high pressure metering pump
Equipped on the delivery gear pump/screw pump
Equipped on the agitator of material tank

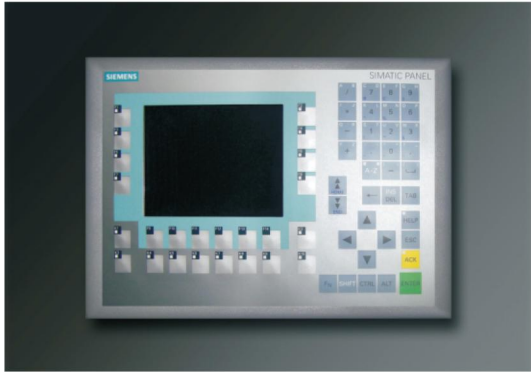


各类泵组

- ◆ 力士乐系列高压计量泵
- ◆ 各类聚氨酯原料输送泵

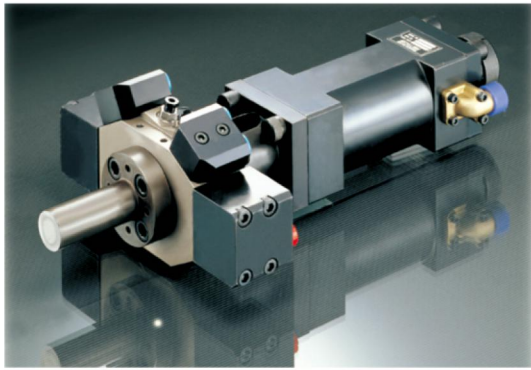
Various pump
High pressure metering pump-Rexroth series
Delivery pump for polyurethane material





电器控制元件

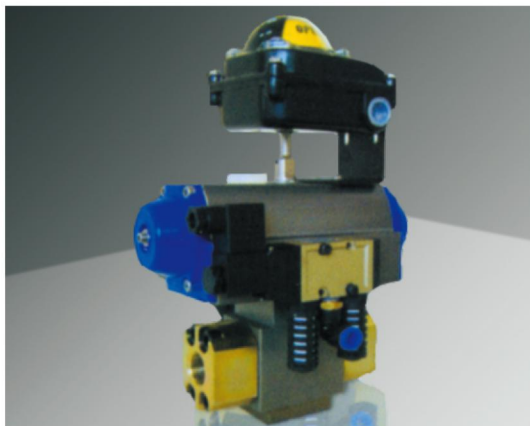
Electrical control elements



混合头系列

适用于硬泡、软泡及自结皮发泡的各类混合头。

Mixing head series
Various mixing heads are used for rigid, flexible and intergral skin foaming.



各类气动及液压高低压切换阀

Various pneumatic and hydraulic high-low pressure switch valve.

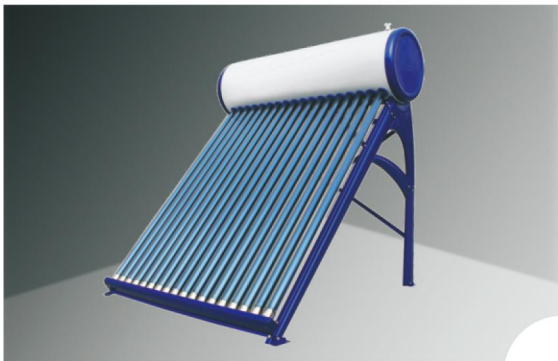
应用领域
Application field

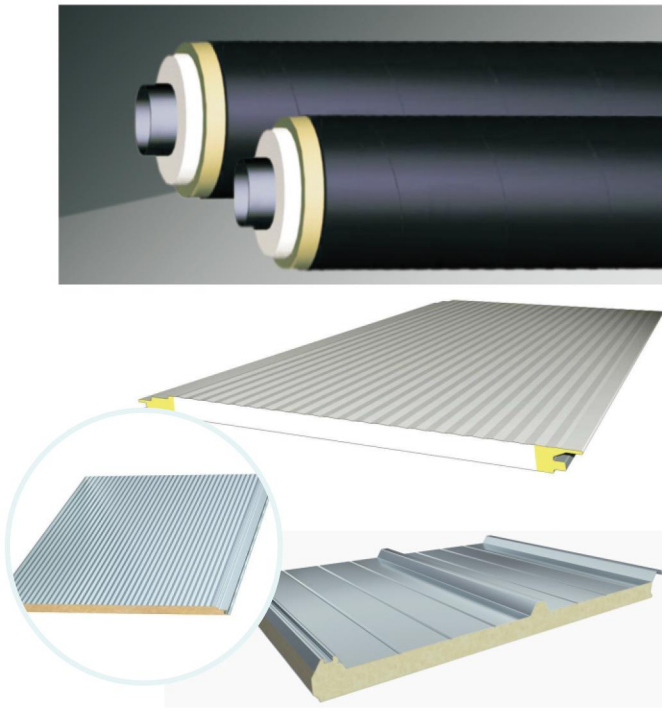


▲ 在汽车领域的应用
In the application of automotive

▼ 在家电制造业的应用

In the application of electrical appliance manufacturing





▲ 建材及保温管道的应用

In the application of insulation construction material and pipe

▼ 在家具家居的应用

In the application of furniture and home appliance



▼ 在弹性体制品的应用

In the applicaton of elastomeric products



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2014.10.17



经典客户
Classic client

汽车行业 Automotive industry



家电行业 Appliance industry



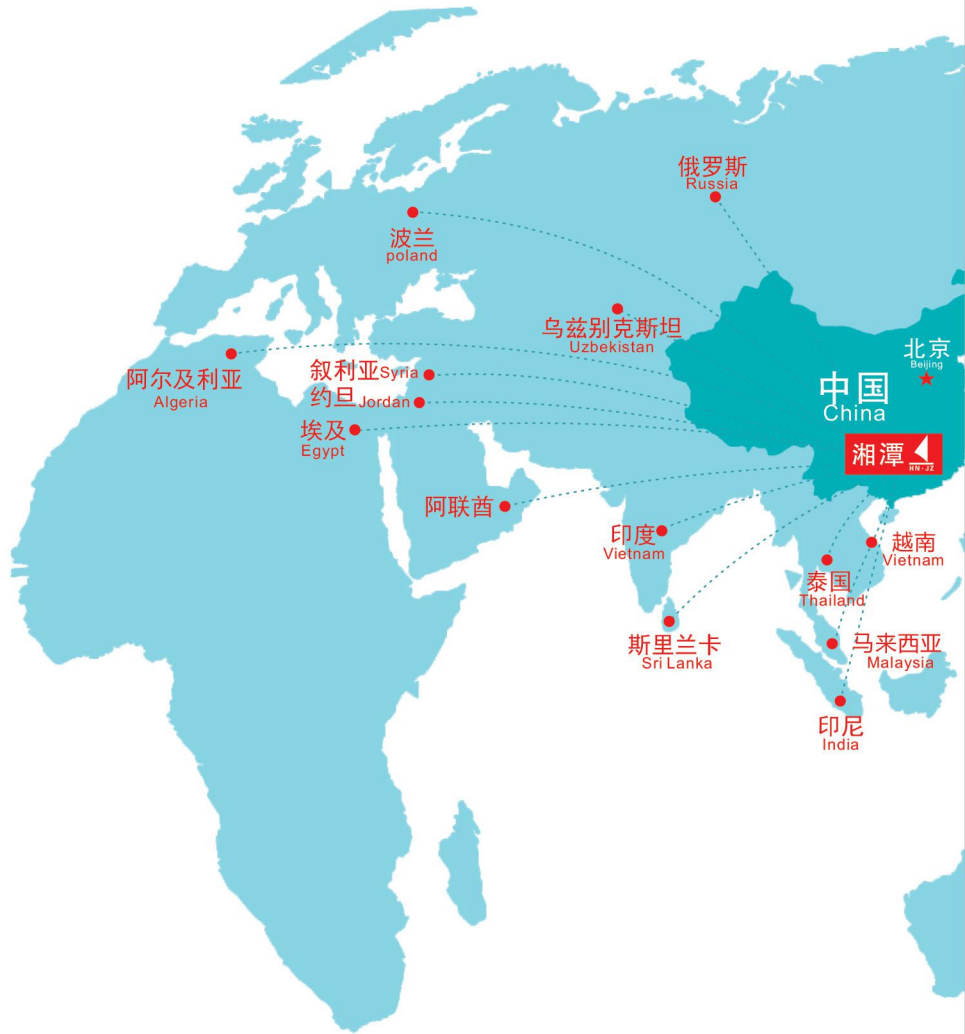
保温建材行业 Insulation building materials industry





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