



弘扬石化设备
HONGYANG PETROCHEMICAL MACHINERY



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地址：张家港市后塍港华路滩上村工业集中区

ADD:Tanshang Village Industrial Clusters,Ganghua Road,
Jingang Town,Zhangjiagang City,Jiangsu Province

电话(Tel):+86-512-58776838

传真(Fax):+86-512-56720211

Email:hongyang@acp-line.com

www.hyshsb.com

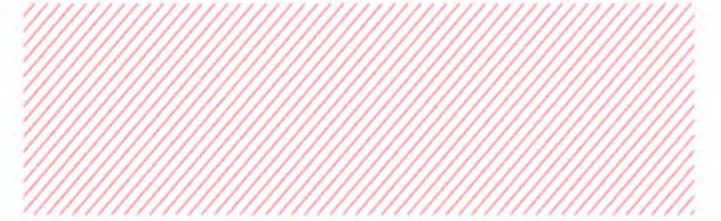
张家港市弘扬石化设备有限公司位于全国卫生城市，全国环境保护模范城市——江苏张家港市。东西紧邻上海、苏州、无锡、南通、南京等国际大都市。毗邻长江黄金水道和新兴国际贸易港口——张家港码头和张家港保税区。水路交通十分便利，地理位置得天独厚。

公司是铝塑复合板生产线、化成清洗生产线、涂装烤漆生产线的专业制造单位，是国内多家大型铝塑板生产企业的长期合作伙伴。基于铝塑复合板的广阔前景，以及众多生产企业存在设备落后，产能低，能耗大，产品档次低等现状。以及国外设备价格高，安装调试费用大、周期长，工艺不合理等缺点设计出全新系列的铝塑复合板生产线，该生产线实用性强，适应性广，操作人性化，产品合格率高，维护简便等特点，而且能兼容生产高、中、低档板材，从而充分满足客户应对市场的需求。

该新型生产线畅销世界各地，并在当地赢得了一致好评。

同时，公司新型研制成功的瓦楞铝复合板连续生产线，金属复合板连续生产线及铝蜂窝复合板连续自动生产线将为复合材料市场带来新的活力。

公司始终以“质量第一，信誉第一”为宗旨。我们热忱欢迎有识之士加盟携手合作，互惠互利，共展宏图创大业。



Zhangjiagang HongYang Petrochemical Machinery Co., Ltd is located in Jiangsu Zhangjiagang, where is nearby the Yangtze River, and surrounded by many international cities such as Shanghai, Nanjing and Suzhou. With the New-rising international logistic center——Zhangjiagang Dock and Zhangjiagang Free Trade Zone, the city is opening to the international market.

The company is professional manufacturing the ACP Product Line, Pretreatment Product Line, Color Coating Product Line and is the long-term cooperation partner of the biggest ACP manufacturers in China. As the prospect of ACP and the shortcomings, the low capacity, big energy consumption, low grade products of the existing product line of many enterprises and high prices, big cost and long period of installation and debugging, unreasonable technology of foreign equipment by research. The company designed a new series ACP Product Line, which has better practical, wildly suitable, humanization operation, higher product quality, easier maintainence, and also it can compatibility produce the high, medium and low grade ACP, which can fully satisfy the demand of the market.

This new mode ACP Product Line is well sale in the world and won a good reputation in local.

At the same time, the company successfully new developed the Corrugated Aluminum Composite Panel Line, Metal Composite Panel Continuous Product Line and Aluminum Honeycomb Composite Panel Automatic Continuous Product Line, which will inject new vitality for composite materials markets.

Quality and Credit are always our priority. We're looking forward to build long terms with friends all around the world.





诚行天下, 开创未来

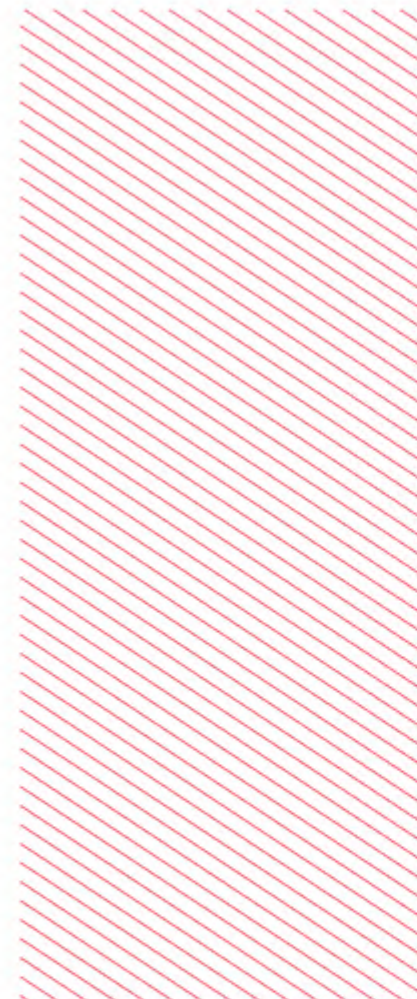
Sincerely Walk In The World To Creat The Future



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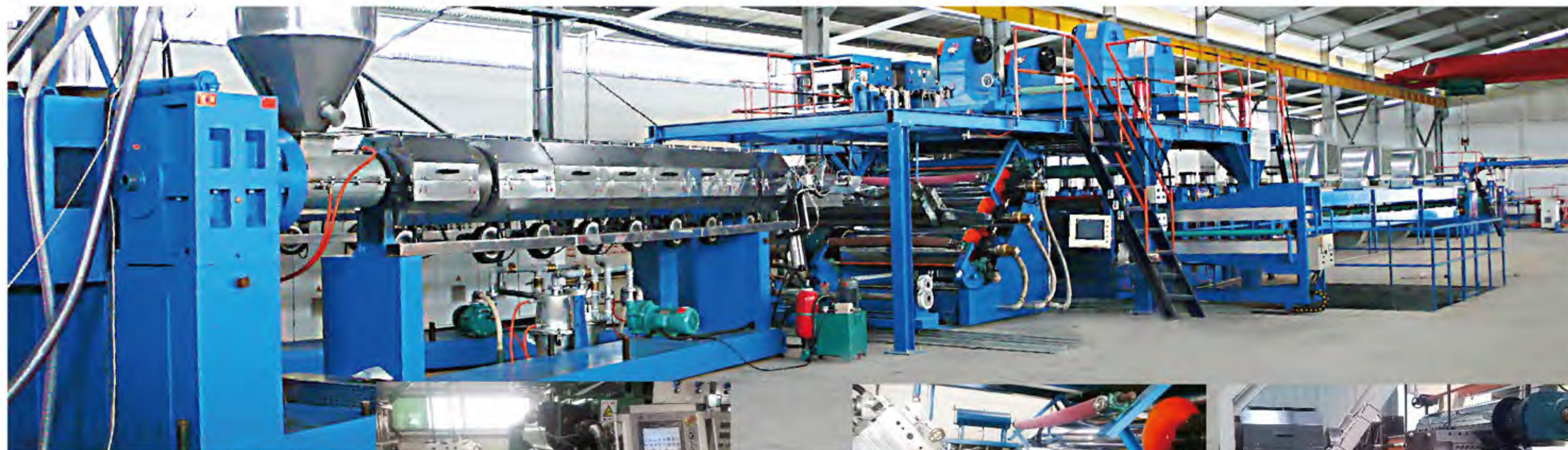
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认证与证书 Certification and certificate



合作品牌 Cooperation brand





铝塑复合板生产线系列
Aluminum Composite Panel Product Line



两辊式 Two Roller Mode



斜三辊式 Oblique Three Roller Mode



立三辊式 Vertical Three Roller Mode

型号 MODEL	HYFH1300II	HYFH1600II	HYFH1600II-H	HYFH2000II-H
外形尺寸 SIZE (L*W*H)	36m*6.8m*3.8m	37m*7.5m*3.8m	46m*7.5m*3.8m	50m*8m*4.2m
生产速度 PRODUCTION SPEED	2-3M/MIN	2-3.5M/MIN	3.5-6M/MIN	3-6M/MIN
产能 ANNUAL OUTPUT	1,100,000SQ.M.	1,450,000SQ.M.	2,500,000SQ.M.	3,600,000SQ.M.
产品宽度 PANEL WIDTH	800~1300MM	800~1600MM	800~1600MM	800~2000MM
产品厚度 PANEL THICKNESS	2~6MM	2~6MM	2~6MM	2~6MM
功率 POWER	375KW	435KW	875KW	1275KW
设备重量 WEIGHT	80TON	90TON	100TON	110TON
压缩空气 COMPRESSED AIR	使用量 QUANTITY:0.5~1M ³ /MIN		工作压力 PRESSURE:5~6KG/CM ²	
循环水 WATER	使用量 QUANTITY:10MT/DAY 循环使用 RECYCLE USE		工作压力 PRESSURE:1~2KG/CM ²	
选配设备 OPTIONAL	1. 液压升降平台 Hydraulic Lifting Platform 2. 在线边条破碎机 Online Pe Strip Crusher 3. 边条卷绕机 Online Trimming Strip Recoiler 4. 自动抬板机 Autostacker			

新型两辊式

特点:

1. 适合生产高档板材
2. 一体式复合工艺, 剥离强度更高
3. 更有效适合生产B级防火板
4. 能够有效生产镀锌钢, 不锈钢等复合板
5. 较传统能耗更低, 速度更快

New Two Roller Mode

FEATURES:

1. Special for the high quality panel
2. One time bonding technical, better peeling strength
3. Better for the B grade Fireproof Panel
4. Can be bonding with the Galvanized Steel, Stainless steel and so on.
5. With low power cost and high speed than normal machine

传统三辊式

特点:

1. 整线采用变频张力控制系统
2. 主机配套国内外顶尖供应商品牌
3. 高产能, 低能耗
4. 操作简便
5. 能兼容低、中、高档不同需求的板材生产

Normal Three Roller Mode

FEATURES:

1. The whole line use the enable frequency
2. Extruder Equip the top brand supplier at home and abroad
3. High productivity, low power cost
4. Easy operating
5. Compatible with production the low, middle, high grade panel to cater different demands

型号 MODEL	HYFH1300S	HYFH1600S	HYFH1600H	HYFH2000H
外形尺寸 SIZE (L*W*H)	35m*6.8m*3.8m	36m*7.5m*3.8m	45m*7.5m*3.8m	48m*8m*4.2m
生产速度 PRODUCTION SPEED	2-3M/MIN	2-3.5M/MIN	3.5-5.5M/MIN	3-5.5M/MIN
产能 ANNUAL OUTPUT	1,100,000SQ.M.	1,450,000SQ.M.	2,500,000SQ.M.	3,600,000SQ.M.
产品宽度 PANEL WIDTH	800~1300MM	800~1600MM	800~1600MM	800~2000MM
产品厚度 PANEL THICKNESS	2~6MM	2~6MM	2~6MM	2~6MM
功率 POWER	500KW	560KW	1000KW	1400KW
设备重量 WEIGHT	85TON	95TON	110TON	130TON
压缩空气 COMPRESSED AIR	使用量 QUANTITY:0.5~1M ³ /MIN		工作压力 PRESSURE:5~6KG/CM ²	
循环水 WATER	使用量 QUANTITY:10MT/DAY 循环使用 RECYCLE USE		工作压力 PRESSURE:1~2KG/CM ²	
选配设备 OPTIONAL	1. 液压升降平台 Hydraulic Lifting Platform 2. 在线边条破碎机 Online Pe Strip Crusher 3. 边条卷绕机 Online Trimming Strip Recoiler 4. 自动抬板机 Autostacker			



多功能复合板高速生产线

Multifunction Composite Panel Product Line

该生产线能够兼容生产普通铝塑复合板，防火铝塑复合板，钢塑复合板，不锈钢塑料复合板，金属发泡复合板。配备先进的EPC自动对边系统，使得面、底金属板材完全对齐，不用另外修剪切边条。大大提高了产能和原材料的利用率，从而节省了劳动力和生产成本。

The production line can be suitable for the normal ACP, FR ACP, Steel Plastic Composite Panel, Stainless Steel Plastic Composite Panel, Foam Steel Composite Panel, etc. Equip the advanced EPC system, can make the top and bottom sheet completely aligned, no need to trimming, which can greatly increase the capacity and utilization of raw materials, thereby saving the labor and production cost.





A2级防火复合板生产线

A2 Fireproof Composite Panel Product Line

该生产线是将无机粉料通过混合、搅拌、挤出后成软性芯板，经过柔性支撑传输系统通过不同的加温、挤压使芯板定形，再与上、下金属片材在连续热辊压的情况下复合而成。

本生产线通过全新的独特工艺将传统铝塑复合板中的可燃有机芯材采用替换成不燃的无机芯材，并具有全自动连续一体化生产功能。

该新型防火复合板具有高等级的防火性能，是现代建筑装饰的新选择。

The machine make the inorganic powder mixing, stirring, extruding to the soft core board, then go through the flexible transmission system with different heating, squeezing, after that bonding the up and bottom metal sheet under the continuous hot roller.

The Line use a unique new technical to replace the normal flammable material with non combustible material in the ACP, and with the function of automatic continuous production.

The new FR composite panel with high grade fireproof performance, which is the new choice for the modern architecture and decoration.



化成清洗生产线

Pre-treating Product Line

该生产线主要处理铝、钢板表面的油污，并在基材表面涂覆一层致密多孔膜层，为后续彩涂作业中使油漆能够有效均匀的附着于基材表面。

The machine is special clean the oil contamination or other dirt on the surface of the aluminum or sheet, and form a dense porous membrane on the material surface, which can make the paint attaching to the surface evenly and effectively.





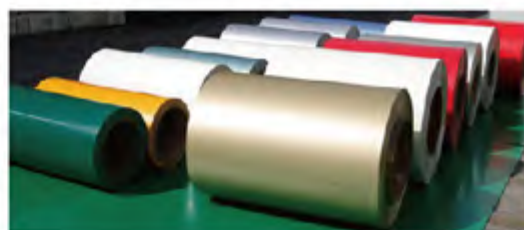
涂装烤漆生产线系列

Color Coating Product Line

本设备采用先进精密逆向辊涂机，膜厚控制在 $3\mu\text{m}$ 以内，涂料使用率在95%以上。智能型数字温控表配合自动风门控制器精确控制热风循环烤漆炉各区所需工艺温度，使涂层具有最佳柔韧性、光泽度和附着力。

The machine use the advanced reversal roll coater, which can control the paint thickness tolerance between $3\mu\text{m}$ and the rate of utilization of the paint can be more than 95%. The intelligent digital temperature controlling meter coordinating with the auto fan door controller make the heated air circulating baking system under the precise technical temperature. Which make the paint layer have the best flexibility, glossy and adhesion.

型号 MODEL	HYHCTZ1300	HYHCTZ1600	HYHCTZ1800	HYHCTZ2000
外形尺寸 SIZE (L*W*H)	158m*10m*8.5m	158m*10.3m*8.5m	158m*10.8m*8.5m	158m*11.2m*4.2m
生产速度 PRODUCTION SPEED	5~50M/MIN (up to the design)			
油漆 PAINT	聚酯油漆 PE(POLYESTER)		氟碳油漆 PVDF(POLYVINYLIDENE FLUORIDE)	
产品宽度 PANEL WIDTH	800~1300MM	800~1600MM	800~1800MM	800~2000MM
能源 ENERGY	电或天然气 Electric or CNG			





涂装机
Coating Machine

我们公司为了客户的特殊要求设计和制造的一系列涂装机
HONGYANG designs and manufactures a range of high quality
Coil Coating Machines designed to meet specific customer requirements.

这些涂装机可以配套适用于涂装生产线，典型的涂装机有以下
几种：

- 底漆涂装机
- 面漆涂装机
- 钝化涂装机

一些列的结构可以归为以下几类：

- “S”型
- “C”型
- “U”型

- 水平式
- 垂直式

本公司生产的各种涂装机，具有很多创新亮点，其调节机构
采用进口高精度宽式线性导轨，增强稳定性，为了确保安全
使用，操作方便，减少停机维护时间。

另外还研制了新型不停机快速换油漆涂装功能。

These are included in coil coating lines or can be installed into
existing coil coating lines.

Typical coating machines as follows:

- Prime Coating Machine
- Finish Coating Machine
- Passivation Coating Machine

A number of configurations are offered by HONGYANG.

These include:

- 'S' Wrap
- 'C' Wrap
- 'U' Wrap
- Horizontal Mode
- Vertical mode

All Coating Machine include many innovative features (Using
the import Precision linear guiding for top and bottom head)
such as designed to ensure a safe working environment, ease
of use for operators and minimum downtime for mainte-
nance. And we newly developed the Quick Colour Change
Coating function.



接片机
Stitching Machine

特点FEATURES：

- 1.适合钢板，不锈钢，铝和其它金属片材的连接
Used for the join of steel, stainless steel,
aluminum sheet and other metal sheet.
- 2.可选择单排或者双排连接
Can choose the single row or double row
stitching
- 3.可配套用于各类生产线
Can equip to different kinds of product line
- 4.可选配无穿片式
Can choose without strip connect

倒卷压花生产线
Rerolling Product Line

该生产线适用于卷材复卷，分卷，检验，同时可配备压花机，复膜机，用于各类花型的压花作业。压花后
可用于装饰，屋面，复合等。

The machine is suitable for the coil rerolling, subsection, inspection, and also can equip the
embossing machine, protective film lamination machine, can be used for embossing kinds of
pattern. The embossed material can be used for decoration, roofing, composite and so on.





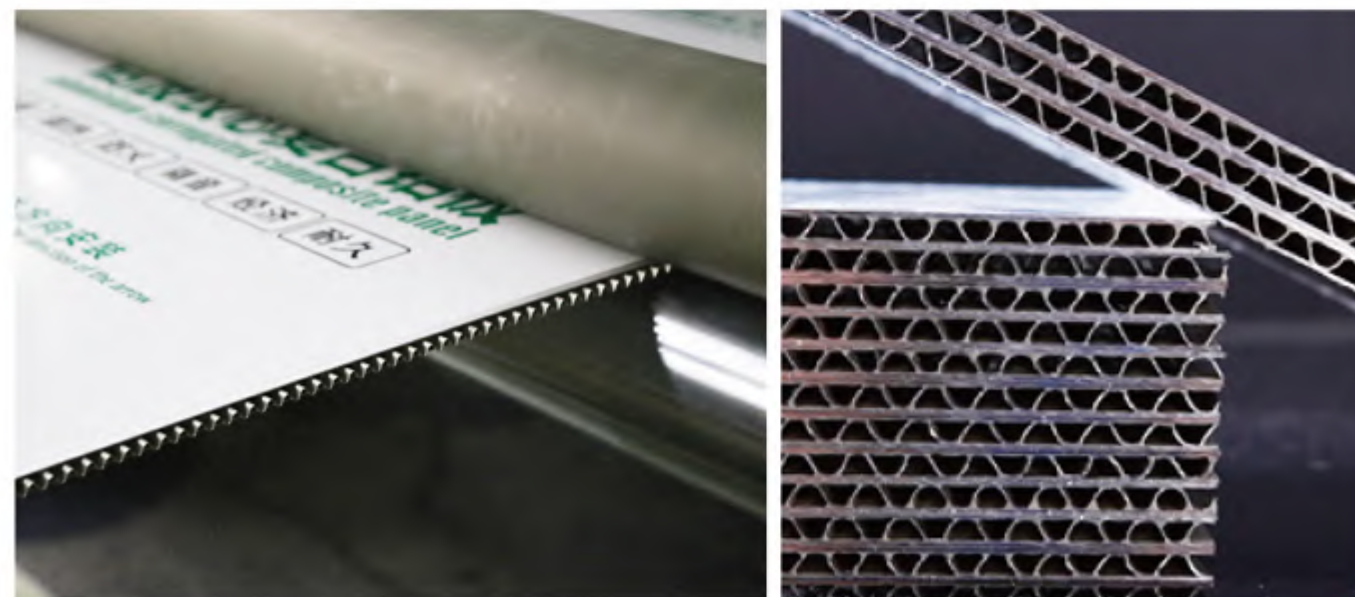
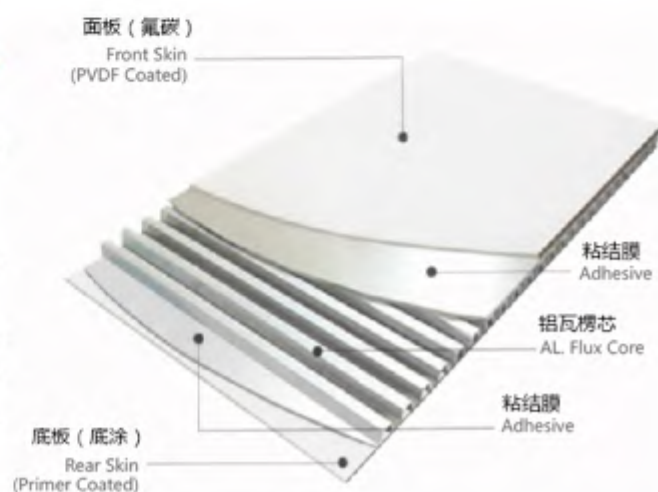
瓦楞铝复合板生产线

Corrugated Aluminum Composite Panel Product Line

该生产线为我公司首创生产铝制瓦楞复合板的全自动生产线。
该瓦楞铝复合板具备铝塑复合板的所有优点，同时又兼有铝蜂窝板的防火，隔音，高强度，轻量化等优点，适用于装饰，吊顶，车体等。

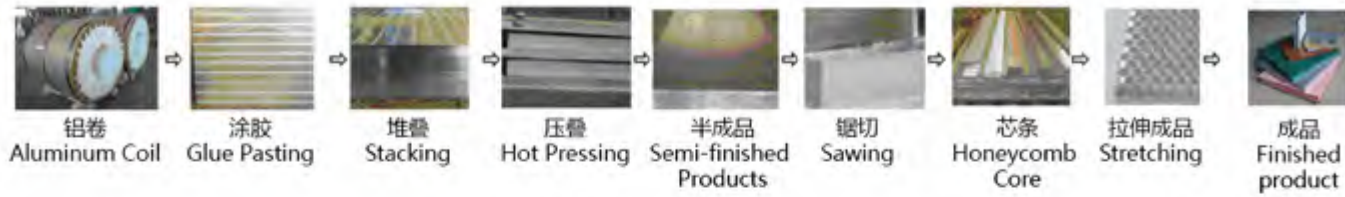
Our company is the pioneer of making the corrugated aluminum composite panel automatic product line.

The panel include all the features of the ACP, and also with the fireproof, sound insulation, high strength, lightweight features of the aluminum honeycomb panel, which is better for the decoration, ceiling, car body, and so on.



铝蜂窝生产流程

Aluminum Honeycomb Processing Flow



铝蜂窝芯设备

Aluminum Honeycomb Core Machine

铝箔涂胶机

Aluminum Foil Gluing Machine

铝箔涂胶机是制造铝蜂窝芯材的主要设备，将精确涂胶的铝箔多层叠装，加温粘接后进行层间拉伸即形成蜂窝结构的铝芯。使用本机可实现蜂窝铝芯生产的机械化自动化，达到节省人员、保证质量、节约原料和提高效率的目的，从而为用户降低成本、提高利润奠定基础。

The machine is the main equipment for fabricating the aluminum honeycomb, the aluminum foil will multilayer stacking after print the glue on the surface, then stick together under the high temperature, then expanding to the honeycomb structure. The machine can achieve the automatic production to save the manpower, guaranteeing quality, saving raw material, improving the efficiency, so that it can save the cost and increase the profit for the customer.



铝蜂窝芯热压机

Aluminum Honeycomb Core Hot Press Machine

采用导热油作为介质供热，分段加热设计，低耗能，导热均匀，自动保压、保温。采用三板两压设计，经热压的铝蜂窝芯板具有粘效果好、平整、不变形。

The machine uses the conduction oil for heating, heating design with subsection, low energy consumption, heat conduction uniformity, auto pressure maintaining and heat preservation. Designed as three board two press, the aluminum honeycomb core plate can be bonded well, flatness, no deformation after press.

铝蜂窝芯专用锯切机

Aluminum Honeycomb Core Sawing Machine

全国首创，高速、高精度、高光洁度铝蜂窝芯锯切机。芯板锯切截面光滑精度保证在±0.1mm以内。

The machine is our initiate, high speed, high precision, high glossy. The sawing section flatness can be within ±0.1mm.

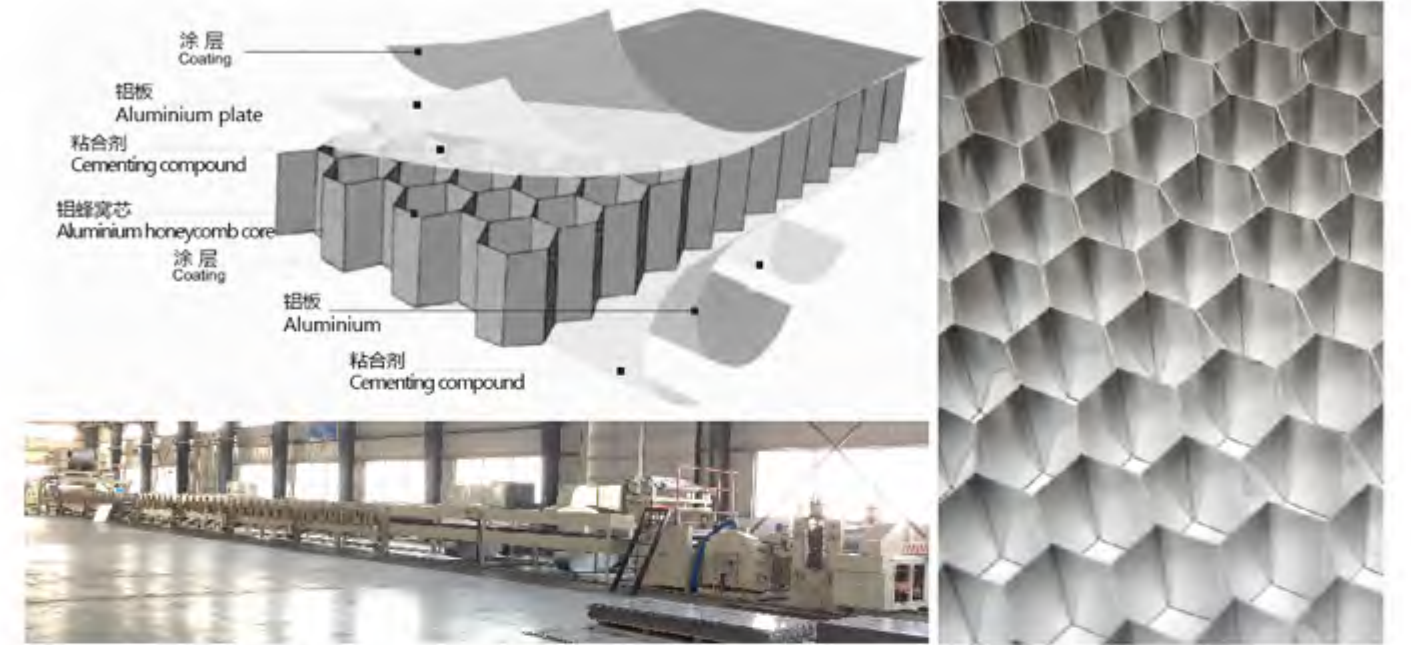


铝蜂窝芯拉伸成型机

Aluminum Honeycomb Core Expanding Machine

该设备主要用于铝蜂窝芯的成型拉伸。在生产铝蜂窝时，其功能是把铝蜂窝芯均匀拉开，各孔形成正六边形。同时还具备检测蜂窝芯质量和强度的作用。特点是：结构紧凑，操作简便。

The machine is used to expand the aluminum honeycomb core. The function is to pull open the aluminum honeycomb core to regular hexagon shape. Meanwhile, it also can apply to test the quality and the strength of the honeycomb. Features: Structure compact, Operating easy.



铝蜂窝板自动生产线

Aluminum honeycomb panel auto product line

该设备是根据铝蜂窝板的特性及生产铝蜂窝板的特殊工艺要求，专业研制的铝蜂窝复合平板连续生产线。

技术参数：

板宽：800mm~1600mm

板材厚度：4mm~30mm

生产速度：0~2.0m/min

The machine is specially designed according to the characters and the special technical request of the aluminum honeycomb panel.

Technical data:

Product Width: 800~1600mm

Product Thickness: 4~30mm

Production Speed: 0~2.0m/min

铝蜂窝板真空复合机

Aluminum Honeycomb Composite Panel Vacuum Panel



该设备利用真空原理，使涂胶的蜂窝板保持在真空状态下自然复合，同时该设备兼备各类工程所需异形板材的加工性能。特点是：复合后的板材平整度好，操作简便，投入成本低。

The machine used the vacuum theory to make the glued aluminum honeycomb panel keep under the vacuum state to composite naturally. And the machine can process the profiled sheet as request. The features is the flatness of the panel is good, easy operating, invest cost low.

铝蜂窝板热压复合机

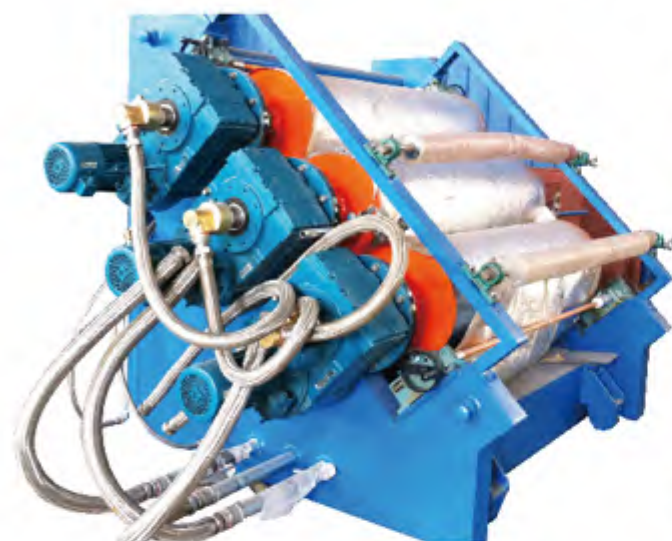
Aluminum Honeycomb Composite Panel Hot Press Machine



该压机用于铝蜂窝板热压膜复合，采用大流量冲液、快速闭合油路和PLC电气自动控制系统，低能耗，高效率，操作灵活，具备优良使用性能。可根据需要设计多层式。

The press machine is used for Aluminum Honeycomb Composite Panel bonding with the adhesive film, applies the high flow rate for hydraulic oil, rapid closing for oil channel and PLC controlling system, featured as lower energy consumption, high efficiency, flexible operation, wonderful performance. Can be designed multilayer mode.

配套设备 Corollary Equipment



三辊压光机系列 Three Roller Calendar

- 特点FEATURES :
1. 辊筒采用45#无缝钢管，再精加工、镀铬、磨镜面。
The roller use the 45# seamless steel tube, fashioning, chroming, mirror polish.
 2. 辊轮间隙调节可手动和自动两用。
The roller can be adjusted by manual and auto
 3. 辊轮表面温度均匀
The temperature of the roller surface is uniform
 4. 可选用斜式或者立式
Can choose the oblique or vertical mode
 5. 可选用油或水加热/冷却，使辊轮寿命更长，温度更均匀
Can choose the oil or water heating/cooling, which can make the roller long lifetime and uniform temperature

放卷机系列 Uncoiler



型号 MODEL	锥顶卡盘式 Cone Clamping	液压涨缩式 Hydraulic Expansion Clamping
卡盘尺寸 Chuck Size	150/305/405/505mm	305/405/505mm
夹持宽度 Clamping Width	800-2000mm 可调 adjustable	800-2000mm 可调 adjustable
特点 Features	<ol style="list-style-type: none"> 1. 单墙体移动，无需接长，操作简便 Single wall moving, not need use the extension bar, easy operating 2. 性价比高，适合夹持轻的卷材 Good cost effective, suitable for the light coil 	<ol style="list-style-type: none"> 1. 双墙体移动，对中方便 Double wall moving, easy for centring 2. 液压涨缩，夹持方便、牢固 Hydraulic expanding chuck, clamping easy and fastness 3. 三级减速机，张力控制稳定 Three stage reduction box, tension stable



三辊整平成成型机 Three Roller Leveling Forming Machine

- 特点FEATURES :
1. 用于铝塑复合板，铝板，不锈钢板，钢板等板材整平成成型之用
Used for ACP, Aluminum sheet, Stainless steel, Steel panel leveling and forming
 2. 操作简单，效果显著
Easy operating, Good efficiency

在线PE边条粉碎机 Online PE Strip Crusher

该设备主要用于铝塑板生产线三辊机后部，PE修边后的边条直接通过该设备粉碎成颗粒，保证了生产环境的清洁，同时方便回收利用。

The machine is mainly used for the PE strip crushing behind the three roller calendar, make the production environment clean and easy for recycle using.



四面修边机 ACP Edge Trimming Machine

- 特点FEATURES :
1. 适合标准铝塑板四面的修正
Used for the standard size ACP edge trimming
 2. 高效，快速，边缘平滑
High efficiency, edge smoothness.

液压升降平台 Hydraulic Lifting Platform

- 特点FEATURES :
1. 适合配套于铝塑复合板生产线后部，用于堆板
Suitable for equip on the back of the ACP line, used for staking the panel
 2. 节约一名生产线操作人员
Save one operator
 3. 高度升降自如，最低可降至30cm
The height can be minimum to 30cm





铝塑板分离机 Acp Delamination Machine

该设备主要适用铝箔厚度为0.25mm以上不合格铝塑板的铝塑分离，满足次品的二次利用，节约生产成本。

The machine is mainly used for separating the Aluminum and the plastic of the ACP (the aluminum thickness $\geq 0.25\text{mm}$), which can second use the degraded product, save the production cost.

模温机 Oil heating machine

特点FEATURES :

- 1.本模温机配套用于各类金属辊轮的加温
Used for the different kinds of roller heating
- 2.导热介质为导热油
Heating conducting medium is conduction oil
- 3.采用元欣泵，高流量，低噪音
Using the good brand pump, high flow capacity, low noise.
- 4.采用PID微电脑控制，温度控制均匀
Use the PID computer control, temperature control uniformity.



自动抬板机 Autostacker

特点FEATURES :

- 1.适用于各类板材的堆叠作业
Used for stacking different kinds panel
- 2.减少人员操作
Save the manpower
- 3.带计数报警装置
With the counting alarm device
- 4.码垛高效，整齐
Stacking high efficiency, tidiness



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