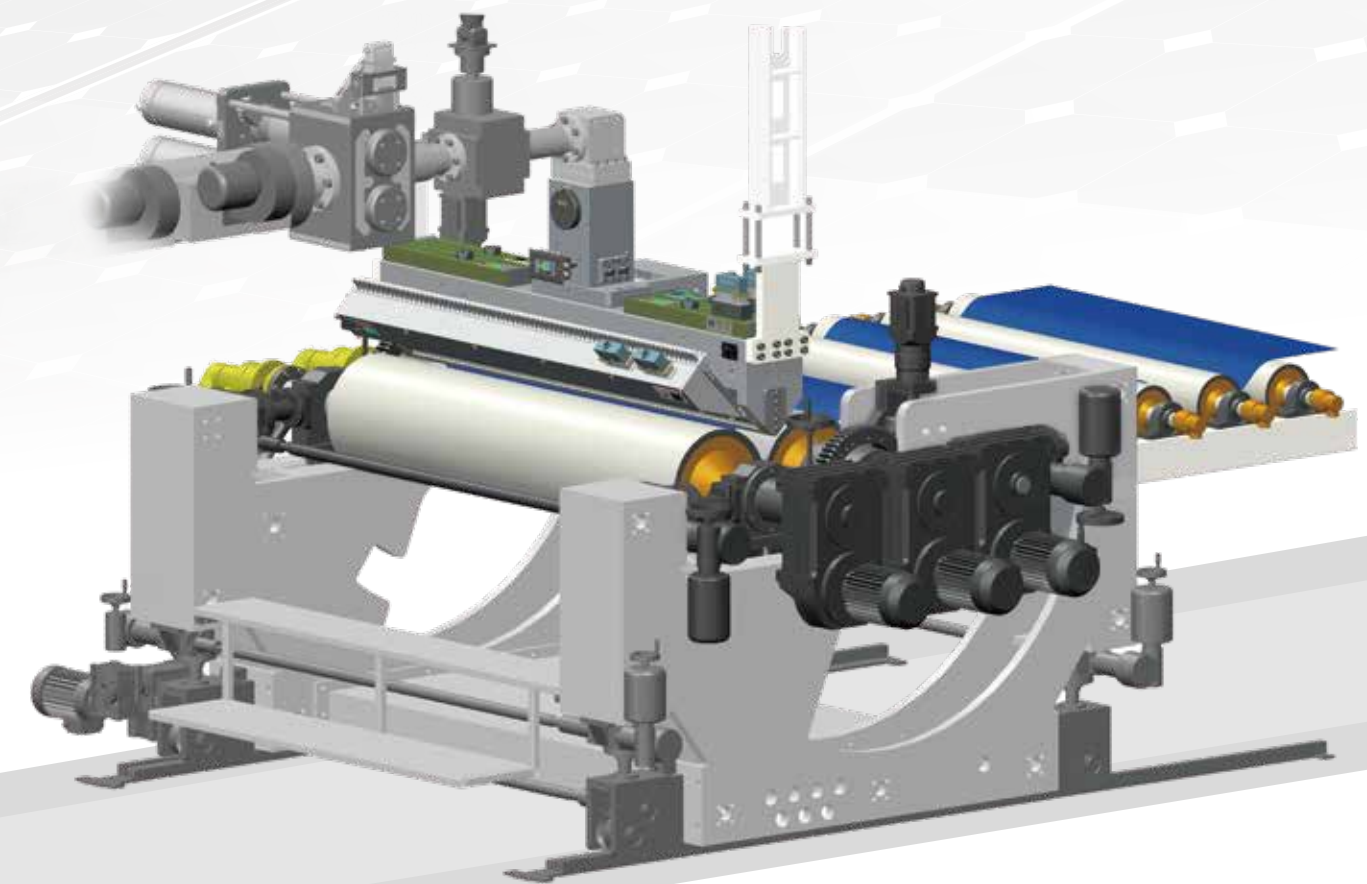




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**SHEET PLATE FILM**



地址：江苏省苏州市太仓市城厢镇良辅路123号  
电话：0512-53377158 13962629288  
Add: No.123, Liangfu Road, Chengxiang Industrial Zone, Taicang, Suzhou City, China  
Tel: +86-512-53377158 +86-13962629288  
Http://www.jwell.cn www.chinajwell.com E-mail: saldi@jwell.cn

邮编(p.c): 215400  
传真 (Fax): 0512-53377399  
Post code: 215400  
Fax: 86-512-53377399  
E-mail: sales@jwell.cn

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JIANGSU JWELL INTELLIGENT MACHINERY CO., LTD.  
**苏州金纬片板膜智能装备有限公司**  
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# SHEET, PLATE&FILM EQUIPMENT

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Jiangsu JWELL Intelligent Machinery Co., Ltd. and China JWELL Intelligent Machinery Co., Ltd. are another development strategy center of Shanghai JWELL Machinery Co.,Ltd. Locating at Chengxiang Industrial town Taicang city, a high-tech manufacturer specializing in research and development of plastic extrusion equipment. The factory area is of 300 acres, more than 1000 staff and 280 technical and management employees; We have a high qualified R&D and experienced mechanical and electrical engineer team as well as advanced processing foundation and normative assembly shop. We supply more than 1000 high class (sets)lines annually. Our enterprise spirit is "Attentive, Enduring, Quick and Orderly", keeping on exploring of new extrusion field. Warmly welcome new and old customers to visit us for investigation, guidance and cooperation. We are happy to offer powerful support for you!



公司产品已遍布全国各地，并出口到德国、俄罗斯、意大利、西班牙、日本、印度、韩国、印尼、中东、非洲和南美洲等100多个国家和地区，深受客户好评。

Our customers are all over China, and we have customers in Germany, Russia, Italy, Spain, Japan, India, Korea, Indonesia, Middle East, South America and other countries and areas. Our machines are well accepted by our customers.

## “品质卓越 完美如一”

是金纬公司的质量方针，是全体员工努力的方向。

"Excellent Quality, Perfect All" is Jwell's quality policy, and all staff's working direction.

## “诚实待人”

是我们铸就“百年金纬”的核心理念。

"Be honest" is the core idea for us to contribute "Century JWELL"

董事长：何海潮

Email: he@jwell.cn

President: He Haichao Mobile/WhatsApp +86 13601628188



## 江苏金纬智能制造厂区

A Global Supplier of Complete Solutions on Extrusion Technology  
金纬机械—全球挤出技术 整体解决方案供应商

80年代初

金海螺第一代螺杆研制成功

In the early 1980s, the first generation screw of JINHAILUO was successfully developed

1997

上海金纬机械

Shanghai JWELL Machinery

2008

苏州金纬机械

Suzhou JWELL Machinery

2012

常州金纬机械

Changzhou JWELL Machinery

2018

贝克威尔（泰国）

Bkwell (Thailand)

2019

浙江金纬智能装备

Zhejiang JWELL Machinery

2020

金纬公司业绩突破50亿人民币

Jwell's annual sales exceeded CNY 5 billion

2021

滁州金纬机械

Chuzhou JWELL Machinery

2024

连续13年荣获中国塑料机械挤出行业排名首位

Ranked first in China's plastic machinery extrusion industry for 13 consecutive years

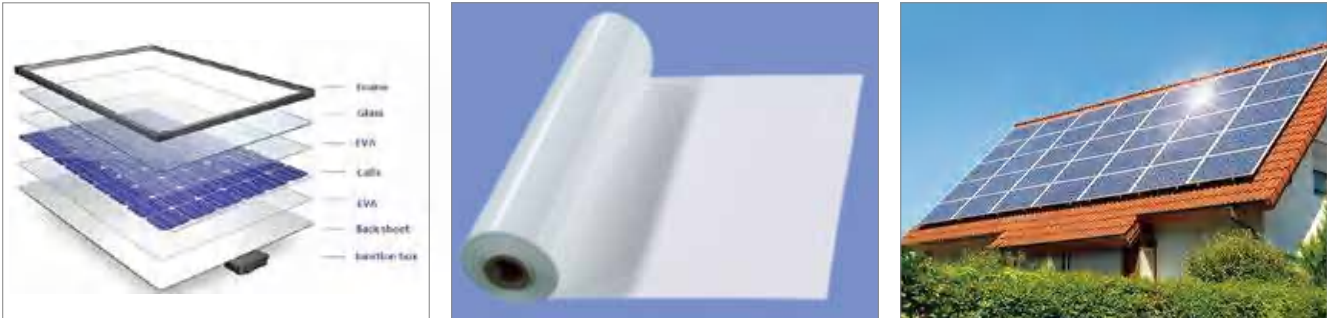
We Know  
Extrusion

# PP/PE光伏电池背板生产线

## PP/PE Solar Photovoltaic Cell Backsheet Proudction Line

该生产线用于生产高性能、创新性的符合绿色制造趋势的无氟太阳能光伏背板；生产线采用多层共挤技术，根据原料的流变性来设计专用螺杆结构，通过精准的多层分配技术、独特的回火定型设计，配合高精度的测厚仪、视觉检测系统和全自动的收卷系统，充分保障了制品的优良品质。

This production line is used to produce high-performance, innovative fluorine-free solar photovoltaic backsheets that conform to the trend of green manufacturing; the production line adopts multi-layer co-extrusion technology, and designs a special screw structure according to the rheology of raw materials. The unique tempering setting design, combined with high-precision thickness gauge, visual inspection system and automatic winding system, fully guarantees the excellent quality of products.



主要技术参数 Main technical parameter

| 机型<br>Model                       | 挤出机规格<br>Extuder type              | 制品厚度<br>Products thickness(mm) | 最大挤出产量(kg/h)<br>Max. Output |
|-----------------------------------|------------------------------------|--------------------------------|-----------------------------|
| 三机共挤线<br>3 extruders co-extrusion | JWS75+JWS130<br>+JWS75             | 0.18-0.4                       | 750-850                     |
| 五机共挤线<br>5 extruders co-extrusion | JWS65+JWS65+JWS120<br>+JWS65+JWS65 | 0.18-0.4                       | 800-900                     |

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

# EVA/POE太阳能封装膜生产线

## EVA/POE Solar Film Extrusion Line

全自动的称重式计量装置，保证多种固体、液体添加助剂及原料高精度喂料；低温挤出系统在保证充分混炼塑化的情况下，防止助剂提前固化交联；流延部分的特殊设计，完美的解决了粘辊、剥离问题；独特的在线回火去应力装置；生产线中多处张力控制系统，使富有弹性的片材在冷却、牵引及收卷过程中平稳输送；在线自动测厚和瑕疵检测装置提供了封装膜制品品质的实时反馈。

EVA/POE光伏胶膜主要用于光伏组件的封装环节，是光伏组件的关键材料；也可以用于建筑玻璃幕墙、汽车玻璃、热熔胶等各种行业。

Automatic gravimetric feeding system makes sure variety of solid, liquid additives and raw materials high-precision feeding.Low-temperature extrusion systems to ensure adequate mixing in the premise of plastination to prevent cross-linking additives. Special design of Casting part give the perfect solution to roller adhibition and water spalling.Special online tempering device to get rid of inner stress. Tension control system ensure the flexible sheets conveying placidly during cooling , pulling and winding process.The on-line thickness measuring and defect inspecting system can provide real-time feedback of the production quality of EVA/POE solar film.

EVA/POE photovoltaic film is mainly used in the encapsulation of photovoltaic modules and is the key material of photo-voltaic modules; it can also be used in various industries such as architectural glass curtain wall, automotive glass, hot melt adhesive, etc.



### 主要技术参数 Main technical parameter

| 机型<br>Model          | 挤出机规格<br>Extruder type | 制品厚度<br>Products thickness(mm) | 最大挤出产量(kg/h)<br>Max. output |
|----------------------|------------------------|--------------------------------|-----------------------------|
| 单机线 Single extrusion | JWS200                 | 0.2-1.0                        | 500-600                     |
| 共挤线 Co-extrusion     | JWS160+JWS180          | 0.2-1.0                        | 750-850                     |
| 共挤线 Co-extrusion     | JWS180+JWS180          | 0.2-1.0                        | 800-1000                    |
| 共挤线 Co-extrusion     | JWS180+JWS200          | 0.2-1.0                        | 900-1100                    |

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

# PVB/SGP中间膜生产线

## PVB/SGP Glass Interlayer Film Extrusion Line

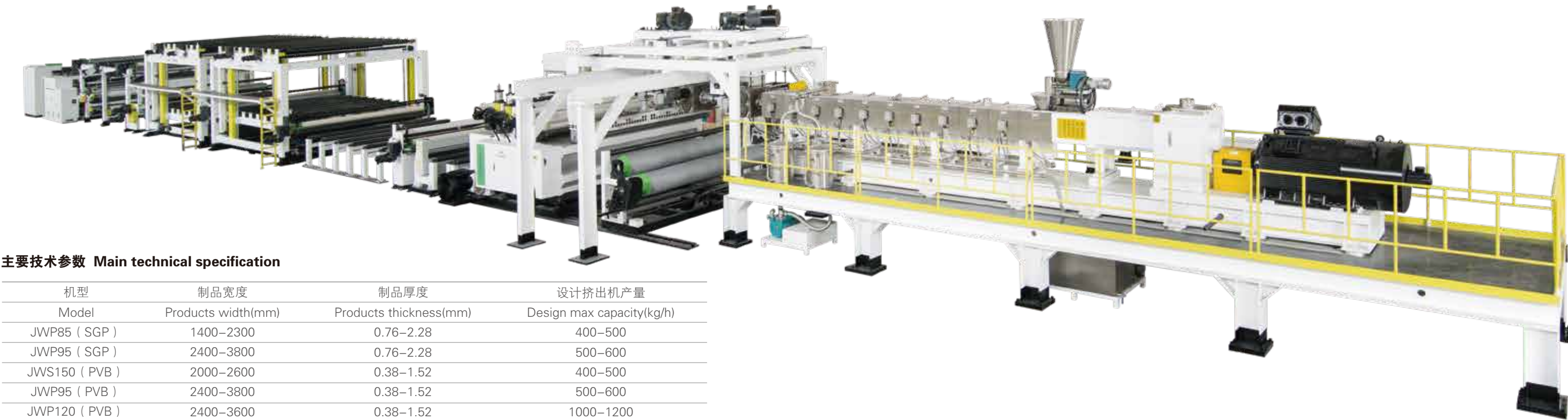
**PVB胶膜的典型应用：**使用PVB胶片制成的复合玻璃能吸收冲击能量，不产生破碎片。广泛用于汽车夹层玻璃，防弹玻璃，隔音玻璃,光伏玻璃，彩色玻璃等。在具有安全性能的同时，还有优异的防紫外线、隔音、光控、保温、隔热、防震等性能，是理想的安全玻璃复合材料。

**Application:** The composite glass made of PVB/SGP film can absorb the impact energy without producing broken pieces. It is widely used for automotive laminated glass, bullet proof glass, sound proof glass, photovoltaic glass, color glass, etc. In addition to safety performance, it also has excellent anti ultraviolet, sound insulation, light control, heat preservation, heat insulation, shock resistance and other properties. It is an ideal safety glass composite material.

**SGP胶膜(离子中间膜)：**离子型胶片SGP的剪切模是PVB的50倍以上，撕裂强度时PVB的5倍，承载力是PVB夹层玻璃的2倍，在相等荷载、相同厚度的情况下，SGP夹层玻璃的弯曲只是PVB夹层玻璃的的1/4。相对于PVB生产的夹层玻璃，SGP胶片生产的夹层玻璃的性能更加优越。典型应用：天棚玻璃，结构玻璃建筑、玻璃栈道、高层外墙、玻璃幕墙等。

**SGP glass adhesive film (ionic intermediate film):** the shear mode of ionic film SGP is more than 50 times than PVB, the tear strength is 5 times than PVB, and the bearing capacity is 2 times than PVB laminated glass. Under the same load and thickness, the bending of SGP laminated glass is only 1/4 of PVB laminated glass. Compared with the laminated glass produced by PVB, the performance of laminated glass produced by SGP film is more superior.

Application: Ceiling glass, structural glass building, glass plank road, high-rise exterior wall, glass curtain wall, etc.



### 主要技术参数 Main technical specification

| 机型                  | 制品宽度               | 制品厚度                   | 设计挤出机产量                   |
|---------------------|--------------------|------------------------|---------------------------|
| Model               | Products width(mm) | Products thickness(mm) | Design max capacity(kg/h) |
| JWP85 ( SGP )       | 1400-2300          | 0.76-2.28              | 400-500                   |
| JWP95 ( SGP )       | 2400-3800          | 0.76-2.28              | 500-600                   |
| JWS150 ( PVB )      | 2000-2600          | 0.38-1.52              | 400-500                   |
| JWP95 ( PVB )       | 2400-3800          | 0.38-1.52              | 500-600                   |
| JWP120 ( PVB )      | 2400-3600          | 0.38-1.52              | 1000-1200                 |
| JWP130 ( PVB )      | 2400-3800          | 0.38-1.52              | 1200-1500                 |
| JWP65+JWP95 ( PVB ) | 2000-3200          | 0.38-1.52              | 600-700                   |

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

# TPU玻璃夹胶膜生产线

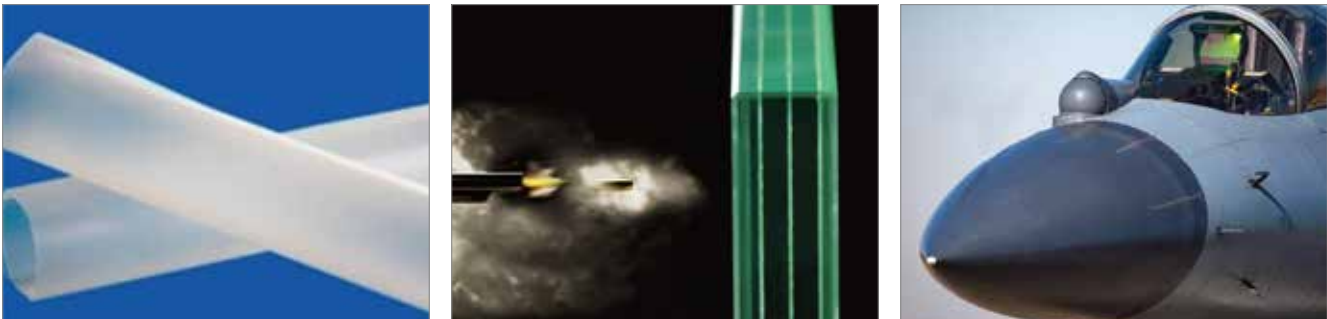
## TPU Glass Interlayer Film Extrusion Line

**TPU玻璃中间胶膜：**TPU作为新型的玻璃夹胶膜材料，透明度更高，永不黄变，对玻璃的粘接强度更高，耐寒性能更突出。

**TPU Glass Adhesive Film:** As a new type of glass laminated film material, TPU has higher transparency, never yellowing, higher bonding strength to glass and more outstanding cold resistance.

**典型应用：**航空航天、高速列车、军民用直升机、客机、运输机挡风玻璃、防弹装甲、银行防爆，光伏等行业。

**Application:** Aerospace, high-speed trains, military and civilian helicopters, passenger aircraft, transport aircraft windshield, bullet-proof armor, bank explosion-proof, photovoltaic and other industries.



### 主要技术参数 Main technical specification

| 机型     | 制品宽度               | 制品厚度                   | 设计挤出机产量                   |
|--------|--------------------|------------------------|---------------------------|
| Model  | Products width(mm) | Products thickness(mm) | Design max capacity(kg/h) |
| JWS130 | 1400-2000          | 0.3-1.8                | 200-300                   |
| JWS150 | 1600-2200          | 0.3-1.8                | 300-400                   |

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

# TPU多组流延复合生产线

## TPU Multi-group Casting Composite Film Production Line

**TPU多组流延复合材料**是将多层面料经过多组分步流延连线复合的方式，实现3-5层不同材质的复合的一种材料，表面成型美观，并可做出不同纹路。其具备优越的强度、耐磨性、安全环保性能，应用于气胀式救生衣、潜水BC夹克、救生筏、气垫船、充气帐篷、充气水袋、军用充气自膨胀床垫、按摩气囊、医疗防护、工业输送带和专业防水背包等高强度特殊复合的产品。

本生产线采用多台挤出机及多套放卷装置，分步流延成型，并实现连线一步复合成型，可配备在线多组测厚控制，生产线设计多种不同复合方式组合，一条生产线可实现多种产品形式的生产工艺。对于特殊的一些面料，可与面料预处理涂胶生产线同步连线对接，满足客户不同产品的生产需求。

**TPU multi-group casting composite material** is a kind of material which can realize 3-5 layers of different materials by multi-step casting and online combination. It has beautiful surface and can make different patterns. It has superior strength, wear resistance, safety and environmental protection performance. It is used in inflatable life jacket, diving BC jacket, life raft, hovercraft, inflatable tent, inflatable water bag, military inflatable self expansion mattress, massage air bag, medical protection, industrial conveyor belt and professional waterproof backpack.

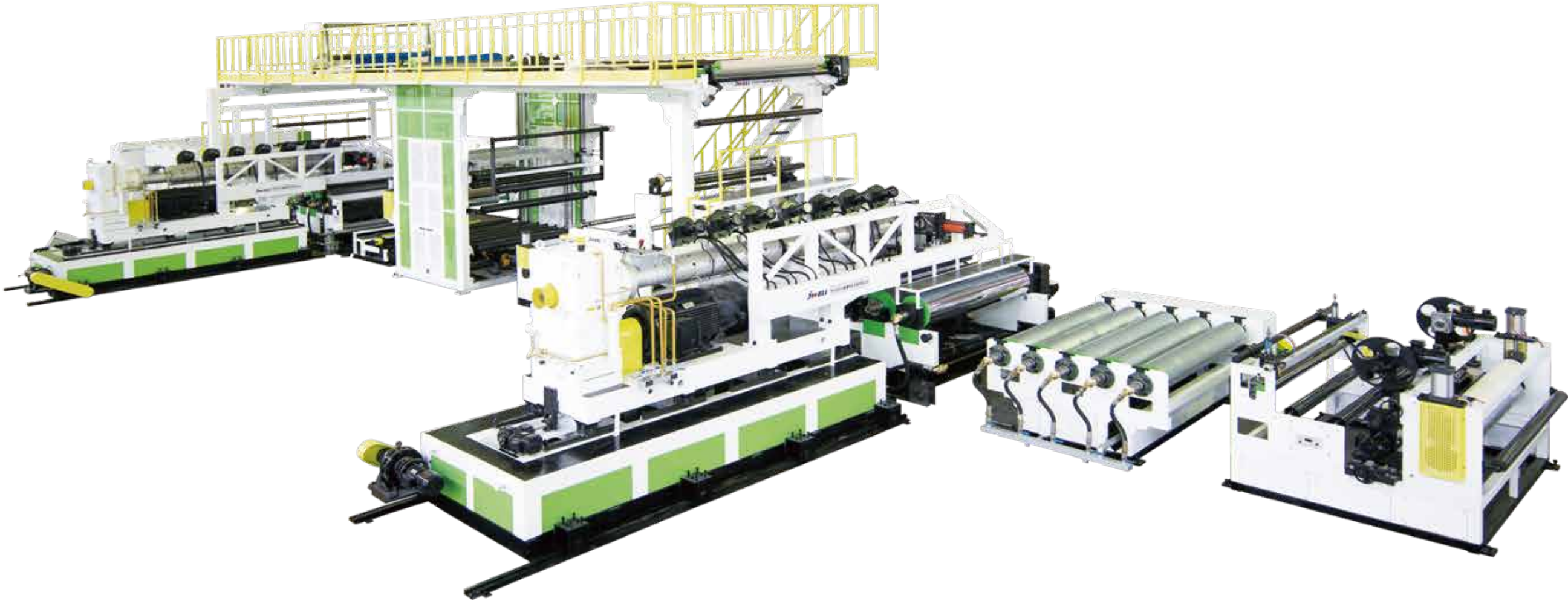
This production line adopts multiple extruders and multiple sets of unwinding devices, step by step flow casting forming, and realizes one-step composite forming, which can be equipped with on-line multi-group thickness measurement control. The production line designs various composite methods and one production line can realize various production processes of product forms. For some special fabrics, it can be connected with the fabric pretreatment and gluing production line synchronously to meet the production needs of customers for different products.



### 主要技术参数 Main technical parameter

| 机型<br>Model        | 制品宽度<br>Products width(mm) | 制品厚度<br>Products thickness(mm) | 设计挤出产量<br>Capacity(kg/h) |
|--------------------|----------------------------|--------------------------------|--------------------------|
| JWS120/JWS120      | 1000-3000                  | 0.02-2.0                       | 400-600                  |
| JWS90/JWS90/JWS90  | 1000-3000                  | 0.02-2.0                       | 250-350                  |
| JWS90/JWS120/JWS90 | 1000-3000                  | 0.02-2.0                       | 350-450                  |

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.



# PC/PMMA光学片材生产线

## PC/PMMA Optical Sheet Extrusion Line

**PC/PMMA光学片材生产线**为了满足市场的需要，金纬公司凭借先进的工艺技术及装备向用户提供了光学级片材生产线。根据原料的流变性设计的专用螺杆和精密的计量泵系统和模具保证了熔体的均匀稳定和片材优异的光学性能；精密的压光系统给片材的机械物理性能提供了保障。产品主要应用于汽车工业；电子、电器工业的薄膜开关；电脑、手机、商务通的液晶显示屏；太阳镜、太阳帽、镀膜、防护面罩；特种印刷；医药包装等领域。

**PC/PMMA Optical Sheet Extrusion Line** To meet the demands of market, JWELL supply customer PC PMMA optical sheet extrusion lines with advanced technology, the screws are specially designed according to the rheological property of raw material, precise melt pump system and T-die, which makes the extrusion melt is even and stable and the sheet has excellent optical performance. Precise calender system guarantees the mechanical & physical properties of sheets. It is mainly used in automotive industry, film switch of electronics, LCD for computer, mobile, sunglass, helmet, special printing, medicine packing and so on areas.



### 主要技术参数 Main technical parameter

| 机型<br>Model | 挤出机规格<br>Extruder model | 制品宽度<br>Products width(mm) | 制品厚度<br>Products thickness(mm) | 设计挤出产量<br>Capacity(kg/h) |
|-------------|-------------------------|----------------------------|--------------------------------|--------------------------|
| JWS100-1300 | JWS100/38               | 1000                       | 0.125-1.2                      | 250                      |
| JWS120-1500 | JWS120/38               | 1200                       | 0.175-2                        | 450                      |

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

# 薄膜拉伸生产线

## Stretch Film Extrusion Line

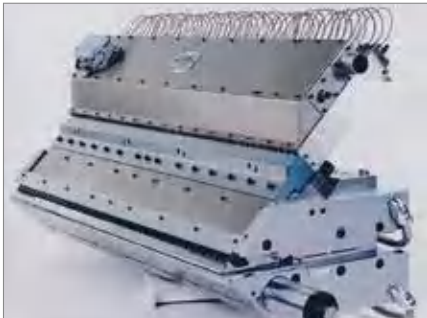
主要应用于生产PE锂电池隔膜；PP、PE卫材透气膜；PP、PE、PET、PS热收缩包装行业等单、双向拉伸薄膜领域。

设备的主要构成：挤出机、模具、铸片、纵向拉伸、横向拉伸、自动收卷和控制系统组成。依托我司先进的整体设计和加工制造能力，研制的拉伸生产线具有以下特点：

- 特殊设计的纵拉辊筒
- 动力传动及控制系统采用国际知名品牌
- 控制系统采用精密PLC程序控制
- 拉伸精度高、速度快、整个机组的运行稳定

我司可根据客户需求，定制设计各类高精度拉伸薄膜机组：

1-10倍拉伸倍率，产品宽度范围500-3000mm，厚度范围0.05-0.3mm。



Stretch film production line is mainly used for PE lithium electric film; PP,PE breathable film; PP, PE, PET, PS thermo-shrinkage packing industrial.

The equipment is composed by extruder, die head, sheet cast, longitudinal stretch, transverse stretching, automatic winder and controlling system. Relying on our advanced designing and processing ability, our equipment's features are:

- Special designed longitudinal stretch roller
- Driving and controlling system are from world famous brand
- Controlling system is from precision PLC program
- High stretch accuracy, high speed, and steady working status

We are able to design equipment as per customer's request with high accuracy stretch equipment:

1-10 stretching ratio, width range will be 500-3000mm, thickness range will be 0.05-0.3mm.



# PP、PE、PA、PETG、EVOH多层共挤阻隔片材生产线

## PP/PE/PA/PETG/EVOH Multilayer Barrier Sheet Co-extrusion Line

**典型应用：** EVOH材料具有良好的阻隔性能，通过与PP、PE、PA、PETG等材料共挤，加工成5层、7层、9层结构的高阻隔轻型包装材料，主要应用于无菌包装、果冻饮品包装、奶制品包装、冷鲜鱼肉制品包装，在非食品方面，用于药品包装、易挥发溶剂包装等领域，阻隔性能优异，大大提高了产品的保存保质时间。

**Application:** EVOH material has good barrier properties. Through co-extrusion technology with PP, PE, PA, PETG and other materials, it can be processed into 5-layer, 7-layer, and 9-layer high-barrier lightweight packaging materials, mainly used in aseptic packaging, jelly drinks , dairy products, chilled fish and meat products packaging etc. In the non-food aspect, it is used in pharmaceutical, volatile solvent packaging and other fields, with excellent barrier properties, which greatly improves the shelf life of products.



### 主要技术参数 Main technical parameter

| 生产线机型<br>Line model         | 挤出机机型<br>Extruder model | 制品宽度<br>Products width | 制品厚度<br>Products thickness | 设计挤出产量<br>Design extrusion output |
|-----------------------------|-------------------------|------------------------|----------------------------|-----------------------------------|
| 7层共挤线 7 layers co-extrusion | 120/75/50/60/75         | 800-1200mm             | 0.2-0.5mm                  | 500-600kg/h                       |
| 9层共挤线 9 layers co-extrusion | 75/100/60/65/50/75/75   | 800-1200mm             | 0.05-0.5mm                 | 700-800kg/h                       |

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

# PVA水溶膜涂布生产线

## PVA Water Soluble Film Coating Production Line

本生产线采用一步法涂布烘干方式，生产线具备高速自动化，减少产品生产作业工序，大幅降低生产成本和提高生产效率。  
The production line adopts one-step coating and drying method. The production line has high-speed automation, which reduces the production process, greatly reduces the production cost and improves the production efficiency.

设备主要构成：溶体反应釜，精密狭缝涂布头，支撑辊轴，烘箱，精密钢带，自动收卷和控制系统组成。依托我司先进的整体设计和加工制造能力，核心部件均自主生产加工。  
The main components of the equipment are: dissolving reactor, precision T-die, support roller shaft, oven, precision steel strip, automatic winding and control system. Relying on our advanced overall design and processing and manufacturing capabilities, the core components are produced and processed independently.

### PVA水溶膜应用 PVA water soluble film application

基于PVA薄膜透明度好、光泽度高、不易带静电、强韧、耐油、耐有机溶剂、印刷性能好、阻隔性能高，且能溶于水等优良特性,广泛应用于刺绣底衬膜，水转印印刷膜，凝珠包装膜，织物洗衣袋，医用织物处置袋，农药包装膜，种子包装膜，环保快递袋等领域。  
Based on PVA film good transparency, high gloss, it is not easy with electrostatic, toughness, resistance to oil, organic solvent, printing performance is good, high barrier performance, and can dissolve in water and other excellent properties, are widely used in embroidery backing film, water transfer printing film, condensate beads packaging film, Fabric laundry bags, medical fabric disposal bags, pesticide packaging film, seed packaging film, environmental protection express bags and other fields.



### 主要技术参数 Main technical parameter

|                        |             |             |
|------------------------|-------------|-------------|
| 机型 Model               | 1200型       | 1400型       |
| 制品宽度 Product width     | 800-1200mm  | 1000-1400mm |
| 制品厚度 Product thickness | 0.08mm      | 0.08mm      |
| 设计产量 Design output     | 150-200kg/h | 200-250kg/h |

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.



# 连续纤维预浸增强复合材料生产线

## Continuous Fiber Prepreg Reinforced Composite Production Line

纤维预浸复合材料是由增强纤维材料：玻璃纤维(GF)、芳纶纤维(AF)、超高分子量聚乙烯纤维(UHMW-PE)、玄武岩纤维(BF)，通过放纱、牵引、展纱、预浸水性胶或油性胶、加热固化、收卷等工艺成型热固性预浸布；预浸布再经过交错复合、压合而形成具有强度高、模量高、比重轻，防腐蚀、防浸泡、防潮湿等特性的预浸复合材料。

Fiber prepreg composites are made of reinforced fiber materials: glass fiber (GF), aramid fiber (AF), ultra-high molecular weight polyethylene fiber (UHMW-PE), basalt fiber (BF), through yarn laying, traction, yarn spreading , pre-impregnated water-based adhesive or oil-based adhesive, heat curing, winding and other processes to form thermosetting prepreg; prepreg is then staggered and laminated to form a high strength, high modulus, light specific gravity, anti-corrosion, anti-soaking , moisture-proof and other characteristics of prepreg composite materials.

材料用途：广泛应用于超高分子量聚乙烯防弹布、防弹衣、防弹插板、防弹盾牌、装甲板、防刺、防爆、防切割等新型防护材料。

Material use: widely used in ultra high molecular weight polyethylene bulletproof cloth, body armor, bulletproof insert plate, bulletproof shield, deck, stab-proof, explosion-proof, anti-cutting and other new protective materials.



### 主要技术参数 Main technical parameter

| 机型<br>Model | 制品宽度<br>Products width(mm) | 制品厚度<br>Products thickness(mm) | 最大速度<br>Max.speed(m/min) |
|-------------|----------------------------|--------------------------------|--------------------------|
| JWS-1800    | 1200-1600                  | 0.1-0.8                        | 12                       |
| JWS-1800    | 2000-2500                  | 0.1-0.8                        | 12                       |

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

# LFT/CFP/FRP/CFRT连续纤维增强复合材料生产线

## LFT/CFP/FRP/CFRT Continuous Fiber Reinforced Composite Production Line

**连续纤维增强复合材料是由增强纤维材料：**玻璃纤维(GF)、碳纤维(CF)、芳纶纤维(AF)、超高分子量聚乙烯纤维(UHMW-PE)、玄武岩纤维(BF)等，通过特有工艺技术使得高强度的连续纤维与热塑性、热固性树脂相互间浸渍，再经过挤压、牵伸等工艺形成的高强度、高韧性、可回收的新型热塑性复合材料。

**Continuous fiber reinforced composite material is made of reinforced fiber material:** glass fiber(GF), carbon fiber(CF), aramid fiber(AF), ultra high molecular polyethylene fiber(UHMW-PE), basalt fiber(BF) by using special process technology to makes high strength continuous fiber and thermal plastic&thermosetting resin soak with each other. Then extrusion and drawing process are used to form the high strength, high toughness and recyclable thermalplastic resin composite material.

**产品应用：**军工、航天、船舶、汽车轻量化、电子、风电、建筑、医疗、体育休闲等领域。

**Product application:** Military, spaceflight, ships, automotive light weight, electronics, wind and electricity, construction, medical, sports and leisure and other fields.



主要技术参数 Main technical parameter

| 机型<br>Model | 制品宽度<br>Products width(mm) | 制品厚度<br>Products thickness(mm) | 最大速度<br>Max.speed(m/min) |
|-------------|----------------------------|--------------------------------|--------------------------|
| JWS-1800    | 1200-1600                  | 0.1-0.8                        | 12                       |
| JWS-3000    | 2000-2500                  | 0.1-0.8                        | 12                       |

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

PE超宽幅土工膜/防水卷材生产线

PE Extra-width Geomembrane/Waterproof Sheet Extrusion Line

**产品适用:** 土工膜的主要作用是防渗和隔离，经常用于大型水库防漏、堤坝防水、水池防水、高铁隧道建设、人防工程、垃圾填埋场、人工湖防水等。制品厚度范围0.5–3mm，宽度范围4000–8500mm.

**Application:** The main function of geomembrane is seepage control and isolation, often used in large reservoir leakage control, dam waterproofing, pool waterproofing, high-speed railway tunnel construction, human defense projects, landfills, artificial lake waterproofing, etc.. Product thickness range: 0.5–3mm, width range: 4000–8500mm.



主要技术参数 Main technical parameters

|                         |                    |                                |
|-------------------------|--------------------|--------------------------------|
| 机型 Model                | JW150+JW150–4000mm | JW150+JW150/JW180+JW180–8500mm |
| 制品宽度 Products width     | 4000mm             | 8500mm                         |
| 制品厚度 Products thickness | 0.5–3mm            | 0.8–3mm                        |
| 挤出机规格 Extruder model    | JW150+JW150        | JW150+JW150/JW180+JW180        |
| 挤出产量 Capacity           | 1200–1500kg/h      | 1500–2500kg/h                  |

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

# 复合型高分子防水卷材生产线

## Composite Polymer Waterproof Membrane Production Line

复合夹筋型高分子防水卷材设备可以采用同向平行双螺杆挤出机，高效单螺杆挤出机、锥形双螺杆挤出机多种机型方案，适合PE、EVA、TPO、PVC等多种高分子材料卷材生产。

生产线高产量、高效率，低能耗。产品平整度、抗穿刺、抗拉伸等各项检测数据优于标准；可配备有全套的机器人自动拆包、电脑自动配比供料、自动模具、自动测厚、自动收卷、称重等自动化设备。全套生产线自动化程度高、用人少 易管理。

The composite stiffened polymer waterproof coil equipment can be used in the same direction parallel twin screw extruder, efficient single screw extruder, conical twin screw extruder models. Suitable for PE, EVA, TPO, PVC and other polymer material coil production. Production line high output, high efficiency, low energy consumption. Product flatness, puncture resistance, tensile resistance and other test data are better than the standard; It can be equipped with a full set of automatic robot unpacking, computer automatic matching of material, automatic mold, automatic thickness measurement, automatic winding, weighing and other automatic equipment. The full set of production line has a high degree of automation, less employment and easy management.

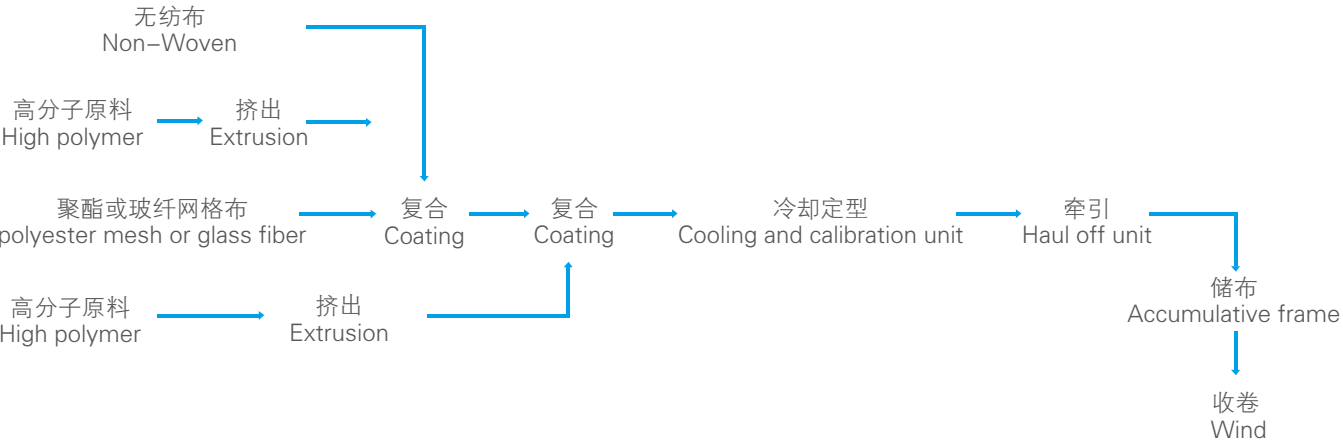


### 主要技术参数 Main technical parameters

| 机型 Model                | 单螺杆系列         | 同向平行双螺杆系列     | 锥形双螺杆系列       |
|-------------------------|---------------|---------------|---------------|
| 原料 Raw material         | PE            | TPO           | PVC           |
| 制品宽度 Products width     | 1000-4000mm   | 1000-2000mm   | 2000mm        |
| 制品厚度 Products thickness | 0.5-3mm       | 0.8-3mm       | 0.5-3mm       |
| 挤出产量 Capacity           | 1000-2000kg/h | 1500-2500kg/h | 1000-2000kg/h |

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

### 工艺流程 Processing diagram:

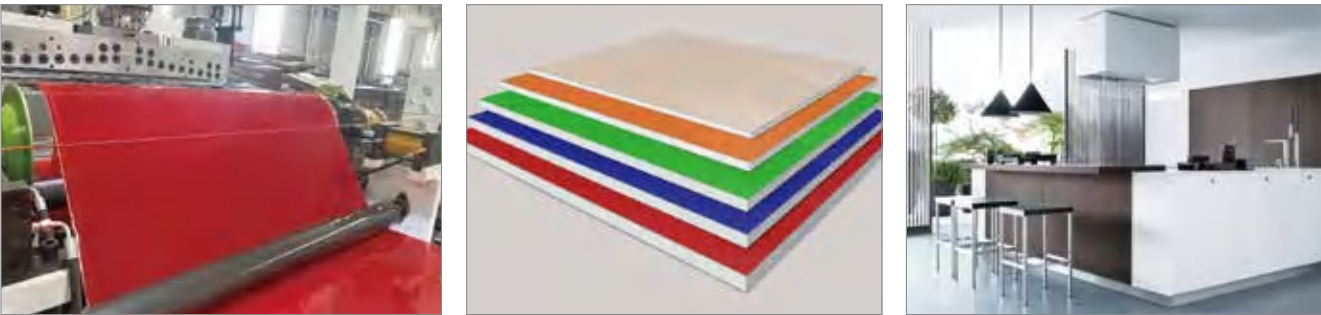


# PET装饰膜生产线

## PET Decorative Film Production Line

**PET装饰膜片**是一种用独特配方加工而成的膜，加以高端印刷工艺及压印技术展现出各种形式的色彩图案及高档质感。产品具有天然的实木质感、高档的金属材感、高雅的肤感质感、高光表面质感等多种表现形式，同时根据消费者需求提供多种选择范围。因其独特的施工粘贴处理，不仅是平面、曲面施工也非常便利，使其比其它材质更加经济实惠。主要用于高档橱柜、室内墙面、免漆板材、家具等家居办公用品的外表装饰或修边。

**PET decorative film** is a kind of film processed with a unique formula. With high-end printing technology and embossing technology, it shows various forms of color patterns and high-grade textures. The product has natural wood texture, high-grade metal texture, elegant skin texture, high-gloss surface texture and other forms of expression. At the same time, it provides a variety of choices according to consumer needs. Because of its unique construction and paste treatment, it is not only a flat surface, Surface construction is also very convenient, making it more economical than other materials. Mainly used for exterior decoration or trimming of high-end cabinets, interior walls, paint-free boards, furniture and other home office supplies.



### 主要技术参数 Main technical parameter

| 机型<br>Model       | 制品宽度<br>Products width | 制品厚度<br>Products thickness | 设计挤出产量<br>Design extrusion output |
|-------------------|------------------------|----------------------------|-----------------------------------|
| JWS65/120         | 1250-1450mm            | 0.15-1.2mm                 | 600-700kg/h                       |
| JWS65/120/65      | 1250-1450mm            | 0.15-1.2mm                 | 600-800kg/h                       |
| JWS65+JWE90+JWS65 | 1250-1450mm            | 0.15-1.2mm                 | 800-1000kg/h                      |

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

# PET/PLA同向平行双螺杆片材生产线

## PET/PLA Co-rotation Twin Screw Sheet Extrusion Line

**PET/PLA环保片材生产线:** 金纬推出的双螺杆免干燥排气型PET/PLA片材生产线具有低能耗、工艺简单，设备使用维护方便的特点。其特有的螺杆组合结构有效的减少了PET/PLA树脂的粘度降，对称式薄壁型辊筒提高了冷却效率同时提升了产能和片材品质，多组分喂料装置可合理的控制新料、回料、色母等的比例，所生产的片材可用于吸塑印刷包装等领域。

**PET/PLA environmental sheet extrusion line:** JWELL develops the parallel twin screw extrusion line for PET/PLA sheet, this line equipped with degassing system, and no need drying and crystallizing unit. The extrusion line has the properties of low energy consumption, simple production process and easy maintenance. The segmented screw structure can reduce the viscosity loss of PET/PLA resin, the symmetrical and thin-wall calender roller highten the cooling effect and improve the capacity and sheet quality. Multi components dosing feeder can control the percentage of virgin material, recycling material and master batch precisely, the sheet is widely used for thermoforming packaging industry.



### 主要技术参数 Main technical parameter

| 机型                 | 挤出机规格                  | 制品厚度                   | 主电机功率                | 最大挤出产量                       |
|--------------------|------------------------|------------------------|----------------------|------------------------------|
| Model              | Extruder model         | Products thickness(mm) | Main motor power(kw) | Max extrusion Capacity(kg/h) |
| 共挤线 Multi layer    | JWE75/40+JWE52/40-1000 | 0.15-1.5               | 132/15               | 500-600                      |
| 单层线 Single layer   | JWE75/40-1000          | 0.15-1.5               | 160                  | 450-550                      |
| 高效Highly-efficient | JWE95/44+JWE65/44-1500 | 0.15-1.5               | 250/75               | 1000-1200                    |
| 高效Highly-efficient | JWE110+JWE65-1500      | 0.15-1.5               | 355/75               | 1000-1500                    |

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.



# APET/PETG/PLA单螺杆片材生产线

## APET/PETG/PLA Single Screw Sheet Extrusion Line

### APET、PETG、PLA单层及多层共挤片材生产线

是目前国内技术先进、工艺成熟、设备稳定的片材生产线之一，与国内同类设备相比，综合效能高30%以上，此生产线同时也可用于生产 APET、PETG、CPET 等片材制品。

### APET, PETG, PLA single-layer or multi-layer sheet extrusion machine

It's one of the most advanced production lines with matured technology and stability in China. Compared with other same kind equipment, it's over 30% higher in overall efficiency. This line is suitable for APET,PETG,CPET as well.

### PETG片材 PETG sheet

PETG俗称低温PET，产品具有高光泽、高透明、有优良的阻隔性、自粘性的新型环保包装材料。可用于胶水粘合、高周波加工。

### PETG is called low temperature PET

It's a new environment-friendly packing material with features such as high luster, good transparency, excellent barrier property, self-adhesion, which is used for glue bonding and high-frequency processing.



### PET立体光栅片 PET Stereoscopic optical grating sheet

广泛适用于化妆品、药品、烟酒包装及一般商品等三维防伪外包装以及文具、挂件、宣传广告、海报、各式卡片、吊卡等领域。

It can be used as top grade package for cosmetics, medicine, tobacco & alcohol and common goods such as stationery, advertisements, posters and all kinds of cards.

### PLA片材 PLA sheet

聚乳酸PLA是可降解树脂，可用于水果、蔬菜、鸡蛋、熟食和烘烤食品的硬包装,也可用于三明治、饼干和鲜花等商品的包装。

PLA is a kind of line shape Aliphatic Polyesters. PLA can be used in rigid package of fruits, vegetables, eggs, cooked food and roast food, also can be usedfor packaging of sandwich, biscuit and some other packages like fresh flower.



### 主要技术参数 Main technical parameters

| 机型 Model                      | 共挤线 Multi layer | 单层线 Single layer | 高效Highly-efficient |
|-------------------------------|-----------------|------------------|--------------------|
| 挤出机规格Extruder specification   | JW120/65-1000   | JW120-1000       | JW150-1500         |
| 制品厚度 Thickness of the product | 0.20-1.5mm      | 0.2-1.5mm        | 0.2-1.5mm          |
| 主电机功率 Main motor power        | 132kw/45kw      | 132kw            | 200kw              |
| 最大挤出产量 Max extrusion capacity | 600-700kg/h     | 550-650kg/h      | 800-1000kg/h       |

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

# PP/PS环保片材生产线

## PP/PS Environmental Sheet Extrusion Line

研制开发的PP/PS片材生产线，用于生产多层复合环保片材，该片材主要用于吸塑成型各类食品容器和包装，如：托盘、面碗、饭盒、糕盒、水果盘等。该设备可有效的利用石粉比例，既降低片材原料成本，又提高片材的可降解性并保证片材的综合物理性能和后续可加工性能。

Developed by Jwell company, this line is for producing multi-layer environmental-friendly sheet, which is widely used for vacuum forming, green food container and package, different kinds of food packaging container, such as: salver,bowl, canteen, fruit dish, etc. Adopting maxim talc percentage in the sheet production, either customer will be able to reduce the cost of the sheet or increase the sheet degration character as well as gaining good physical properties and further processing abilities.



主要技术参数 Main technical parameters

| 机型 Model       | JWS150/120/90-1800 | JWS150/60-1200 | JWS130/60-1000 | JWS120-1000 | JWS100-800  |
|----------------|--------------------|----------------|----------------|-------------|-------------|
| 片材宽度 Width     | 1500mm             | 1000mm         | 900mm          | 800mm       | 600mm       |
| 片材厚度 Thickness | 0.3-2mm            | 0.3-2mm        | 0.3-2mm        | 0.2-2mm     | 0.1-0.8mm   |
| 生产能力 Capacity  | 1000-1200kg/h      | 700-800kg/h    | 550-600kg/h    | 400-500kg/h | 300-350kg/h |

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

# PC/PMMA/GPPS/ABS塑料片板材生产线

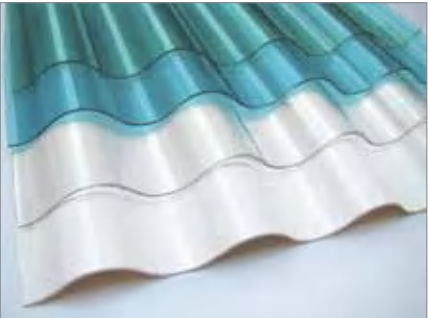
## PC/PMMA/GPPS/ABS Plastic Sheet & Plate Extrusion Line

### PC耐力板、波浪板：

适用范围：园林、游艺场所奇异装饰及休息场所的廊亭；商业建筑的内外装饰品，现代城市楼房的幕墙；航空透明集装箱、摩托车前风挡、飞机、火车、轮船、汽车、汽船、潜艇及玻璃军警盾牌；电话亭、广告路牌、灯箱广告展示展览的布置；高速公路及城市高架路隔音屏障。

### Applicable scope of PC endurance board, PC corrugated sheet:

Garden, recreation place, decoration and the corridor pavilion; Internal and external ornaments in the commercial building, curtain wall of the modern urban building; transparent container of aviation, the windscreen before the motorcycle, the plane, the train, the steam-er, the submarine, army and police's shield, the telephone booth, advertising signpost, the advertisement of the lamp houses, the expressway and overhead way of the city partition protective screen.



### ABS、HIPS/GPPS冰箱板 Refrigerator board

主要用于冰箱冰柜门胆、内胆、抽屉、接水盘、饮水机等。  
It has wide application in production of refrigerator door and inner gallbladder, drawers, water dispensers, etc.

### ABS/PMMA复合洁具板 Sanitaryware plate

用于卫浴产品如：浴缸、淋浴房、蒸汽房、洗脸槽。  
It is widely applied in the field of bath products, such as the bathtub, the shower cabinet, the vapor room, washing bowl, etc.

### ABS/PC复合箱包板 Baggage plate

主要用于各种拉杆箱、行李箱、休闲包等箱包。  
It is mainly applied in field of draw-bar boxes, luggage cases, recreation bags, etc.

### ABS、ABS + PC合金料汽车板 Car plate

主要用途：汽车车顶、仪表板；座椅靠板、车门板、窗框；摩托车、沙滩车、代步车、高尔夫球车等外壳。  
It is mainly used in to produce tops of cars and buses, instrument boards, backrest, car doors, window frames, shells of the motorcy-cles, golf vehicles, etc.

### 主要技术参数 Main technical parameter

|                              |                     |                     |
|------------------------------|---------------------|---------------------|
| 型号 Model                     | JWS130/38-2200      | JWS120/38-1400      |
| 适用原料 Material                | PC, PMMA, GPPS, ABS | PC, PMMA, GPPS, ABS |
| 制品宽度 Products Width          | 2200mm              | 1400mm              |
| 制品厚度 Products Thickness      | 1.5-10mm            | 1.5-10mm            |
| 挤出机规格 Extruder Specification | Ø130/38; Ø45/30     | Ø120/38             |
| 最大挤出产量 Capacity (Max.)       | 550Kg/h             | 450Kg/h             |

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

# PP/PE/ABS/PVC厚板生产线

## PP/PE/ABS/PVC Thick Plate Extrusion Line

### PP厚板生产线 PP thick plate extrusion line

PP厚板，可广泛用于化学工业、食品行业、防腐行业、净化行业、环保设备生产行业。  
2000mm宽PP厚板生产线是金纬新开发的领先于同行的稳定的生产线。  
PP thick plate, is an environmentally–friendly product and is widely applied in chemistry industry, food industry, anti–erosion industry, environmentally–friendly equipments industry, etc.  
PP thick plate extrusion line of 2000mm width is a newly developed line which is the most advanced and stable line compared with other competitors.

### PE厚板生产线 PE thick plate extrusion line

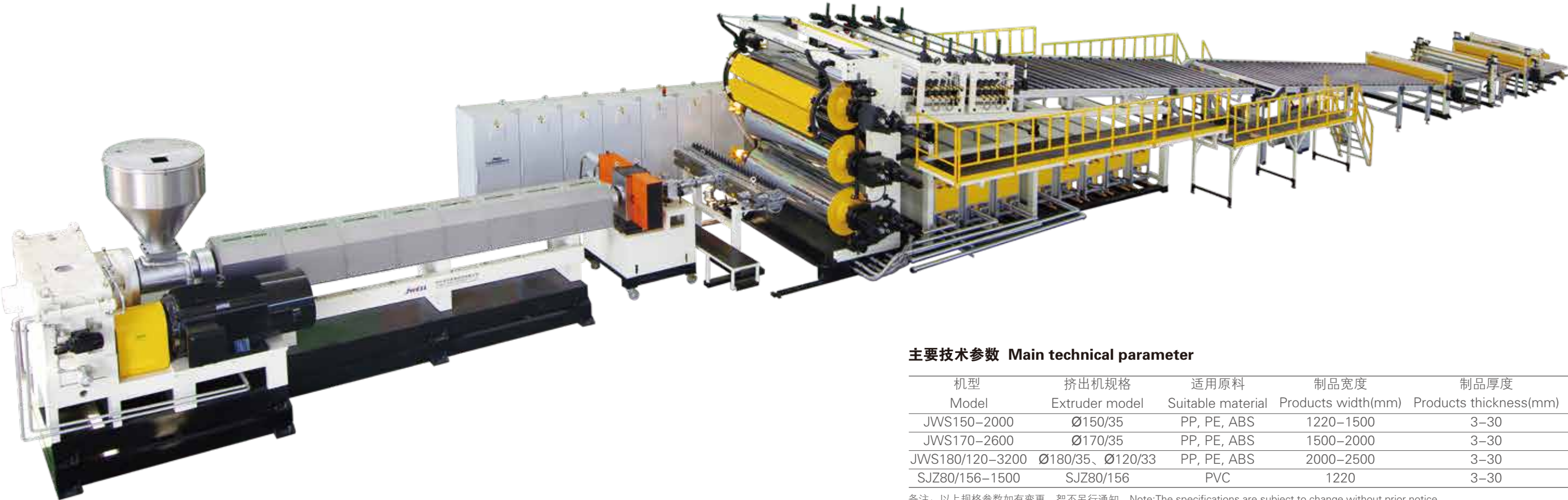
聚乙烯（PE）板材广泛应用于化工、电力等工业上。HDPE板还可作为工程塑料应用在机械、化工等设备上，广泛用于制造冰球场墙板。  
PE plate is widely applied in chemical and electric power industries. HDPE plate, known as engineering plastics, is used in mechanical and chemical equipments as well as ice hockey ring walls.

### ABS厚板生产线 ABS thick plate extrusion line

ABS厚板广泛应用于家电、电子、包装、医疗器械等领域。  
ABS thick plate is widely used in the home appliance, electronics, packaging, medical appliance.

### PVC厚板生产线 PVC thick plate extrusion line

硬质PVC厚板广泛用于化工、石油、电镀、水净化处理设备、环保设备、矿山、医药电子、通讯、防腐蚀容器、设备电气的护罩，灯箱，广告装潢等行业。  
Rigid PVC thick plate is widely used in chemical industry, petrol, electroplating, water purifying equipments, environment–friendly equipments, lamp house and advertisements, etc.



### 主要技术参数 Main technical parameter

| 机型<br>Model     | 挤出机规格<br>Extruder model | 适用原料<br>Suitable material | 制品宽度<br>Products width(mm) | 制品厚度<br>Products thickness(mm) | 设计挤出产量<br>Capacity(kg/h) |
|-----------------|-------------------------|---------------------------|----------------------------|--------------------------------|--------------------------|
| JWS150–2000     | Ø150/35                 | PP, PE, ABS               | 1220–1500                  | 3–30                           | 500                      |
| JWS170–2600     | Ø170/35                 | PP, PE, ABS               | 1500–2000                  | 3–30                           | 700                      |
| JWS180/120–3200 | Ø180/35、Ø120/33         | PP, PE, ABS               | 2000–2500                  | 3–30                           | 1200                     |
| SJZ80/156–1500  | SJZ80/156               | PVC                       | 1220                       | 3–30                           | 450                      |

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

# PP蜂窝板生产线

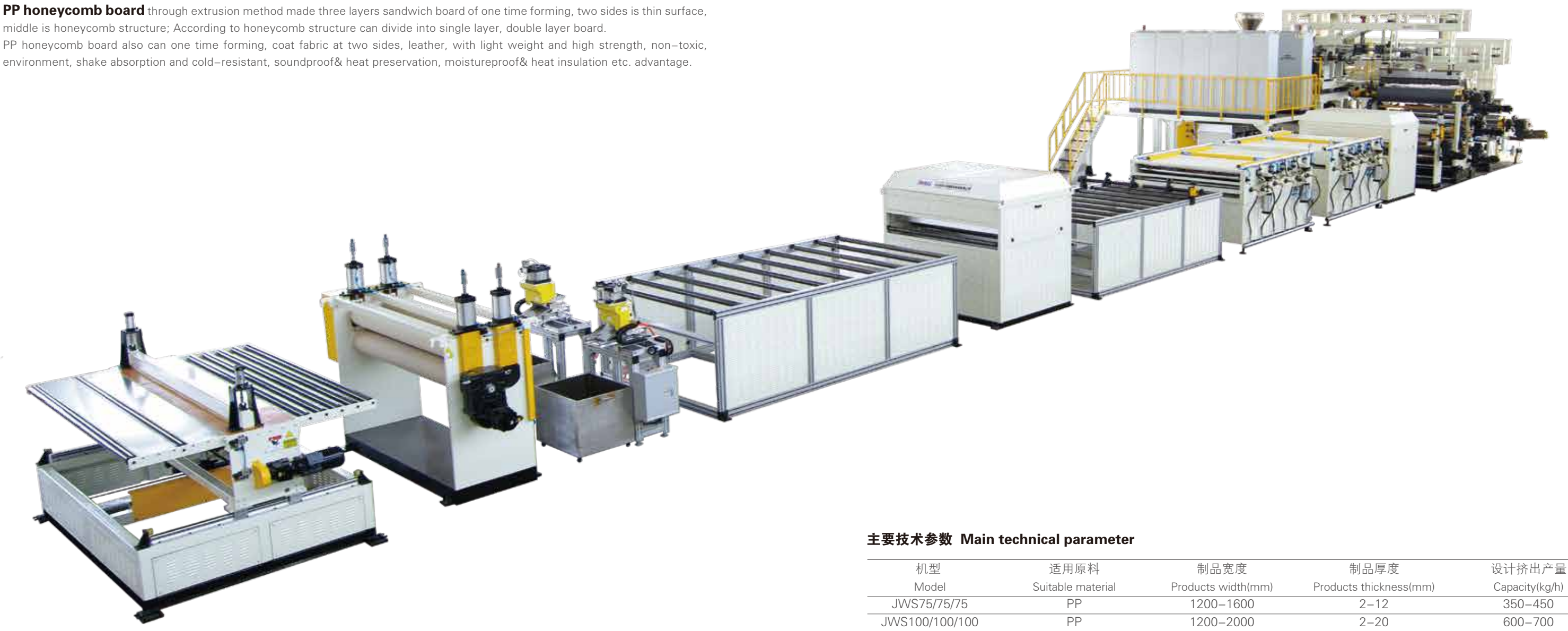
## PP Honeycomb Board Extrusion Line

产品主要用途/Main application:

- 1.应用于乘用车的行李箱盖板、行李箱隔板、行李箱地毯基板、侧围装饰板、顶棚等内饰部位；  
Used for car trunk cover board, trunk clapboard, trunk carpet substrate, side wall decortation board, ceiling etc. interior place.
- 2.应用于制作各种高强度包装箱。  
Used for manufacturing different kinds of high strength packing box.

**PP蜂窝板**通过挤出法一次成型的三层夹心板材，两面为较薄的面层，中间为蜂窝状结构；根据蜂窝的结构可以分为单层板、双层板。  
PP蜂窝板也可一次成型双面贴布、覆皮，具有轻质高刚、无毒环保减震耐寒、隔音保温、防潮隔热等优点。

**PP honeycomb board** through extrusion method made three layers sandwich board of one time forming, two sides is thin surface, middle is honeycomb structure; According to honeycomb structure can divide into single layer, double layer board.  
PP honeycomb board also can one time forming, coat fabric at two sides, leather, with light weight and high strength, non-toxic, environment, shake absorption and cold-resistant, soundproof& heat preservation, moistureproof& heat insulation etc. advantage.



主要技术参数 Main technical parameter

| 机型<br>Model    | 适用原料<br>Suitable material | 制品宽度<br>Products width(mm) | 制品厚度<br>Products thickness(mm) | 设计挤出产量<br>Capacity(kg/h) |
|----------------|---------------------------|----------------------------|--------------------------------|--------------------------|
| JWS75/75/75    | PP                        | 1200-1600                  | 2-12                           | 350-450                  |
| JWS100/100/100 | PP                        | 1200-2000                  | 2-20                           | 600-700                  |

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

# PP/PE中空格子板生产线

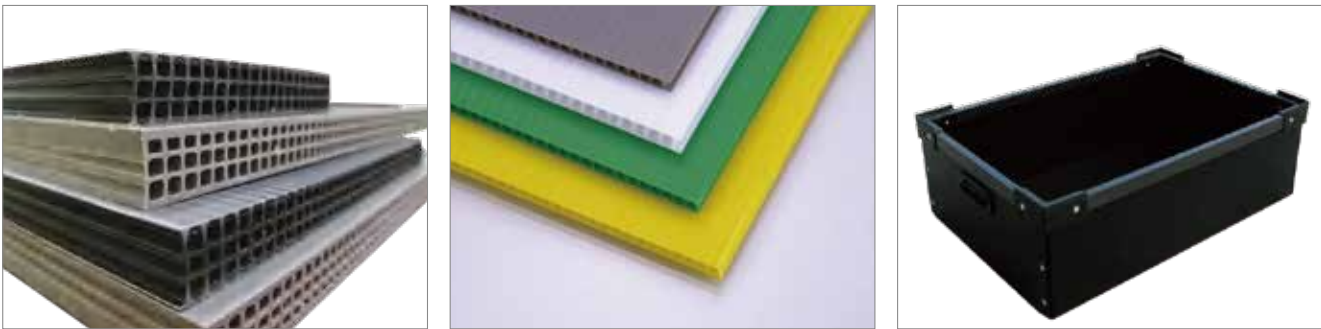
## PP/PE Plastic Hollow Cross Section Plate Extrusion Line

PP格子板应用:

- PP中空格子板因具有材质轻，强度高，防潮。
- 良好的环保性能和二次加工性能，可加工成周转箱，包装箱等。

PP Hollow Plate Application:

- The pp hollow cross section plate is light and high strength, moistureproof good environmental protection and refabrication perform mance.
- Can be processed into the reusable container, packing case, clapboard, backing plate and culet.



主要技术参数 Main technical parameter

| 挤出机规格<br>Model | 制品宽度<br>Products width(mm) | 制品厚度<br>Products thickness(mm) | 最大挤出产量<br>Designed capacity(kg/h) |
|----------------|----------------------------|--------------------------------|-----------------------------------|
| JWS120         | 1200-2100                  | 2-8                            | 350                               |
| JWS150         | 1200-2600                  | 2-8                            | 500                               |
| JWS100+JWS65   | 915                        | 12-16                          | 400                               |
| JWS150+JWS90   | 2000                       | 12-16                          | 600                               |

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

# PC中空格子板/U型锁扣板生产线

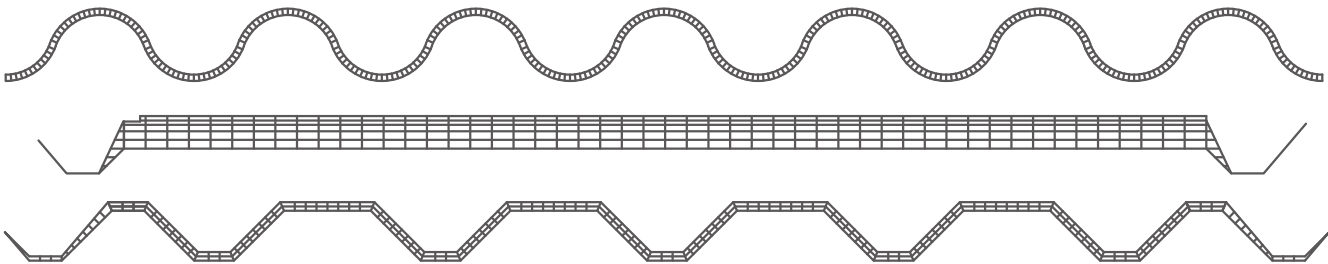
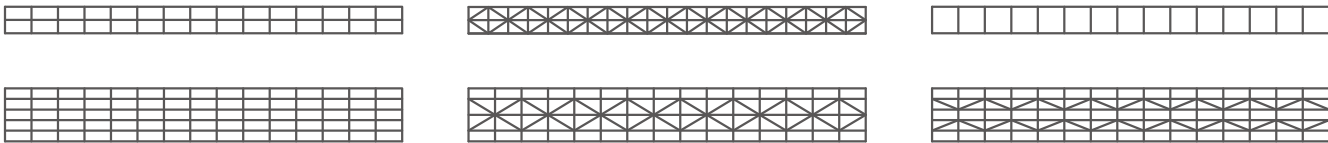
## PC Hollow Sheet/U-shaped/U Locked Sheet Extrusion Line

PC中空格子板、U型锁扣板应用：

- 办公楼、大厅、商场、体育场馆、公用设施的采光顶
- 车站、停车场、凉亭、休息厅走廊的雨棚
- 高速公路及城市高架路隔音屏障

PC hollow sheet, U-shaped/U locked sheet extrusion line :

- Construction of sunroof in buildings ,halls, shopping center, stadium, public places of entertainment and public facility.
- Rain shield of bus stations ,garages, pergolas, corridors.
- Transparent shields for security forces in nursery schools airports, factories.



主要技术参数 Main technical parameter

| 挤出机规格<br>Model | 制品宽度<br>Products width(mm) | 制品厚度<br>Products thickness(mm) | 最大挤出产量<br>Designed capacity(kg/h) |
|----------------|----------------------------|--------------------------------|-----------------------------------|
| JWS100+JWS45   | 1220                       | 4-40                           | 350                               |
| JWS120+JWS45   | 2100                       | 4-40                           | 450                               |

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

# 高速铝塑复合板生产线

## High Speed Aluminum Plastic Composite Panel Extrusion Line

**铝塑复合板简称铝塑板**是由经过表面处理并涂装（用氟碳涂层或聚酯涂层）的铝箔作为表层、聚乙烯材料作为芯层，并通过热复合工艺生产而成的新型装饰材料；主要应用于建筑幕墙、外墙装饰与广告、室内装饰等。

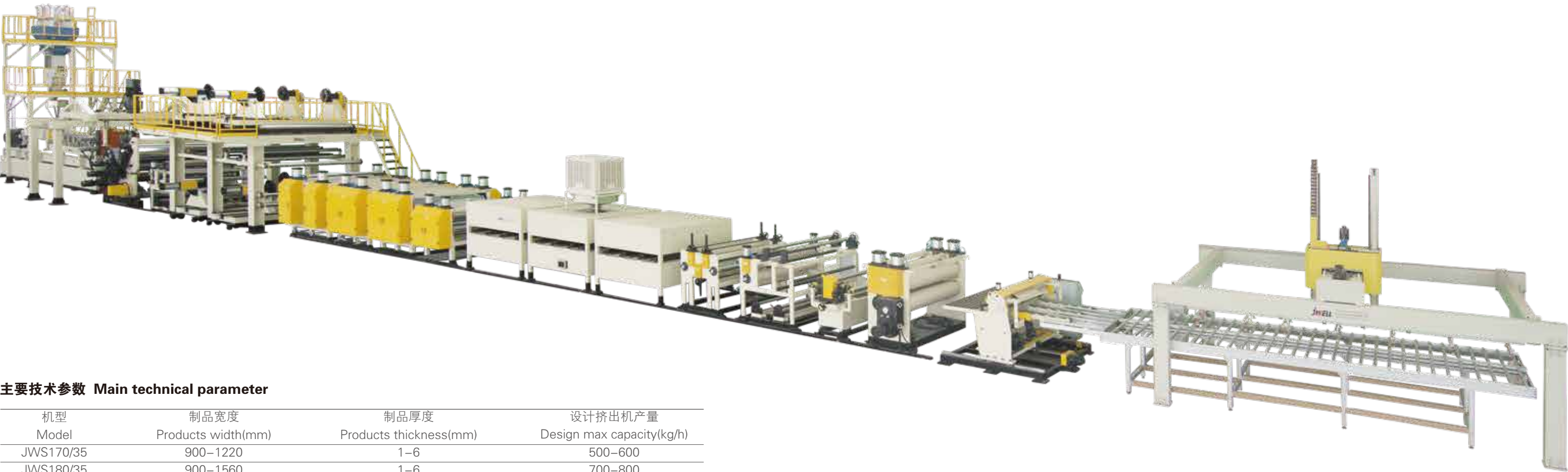
结合传统的生产工艺和实践经验，开发的高速铝塑板生产线，采用先进的挤出系统，可以生产高填充的阻燃级铝塑板，最高产量2500kg/h，最高生产线速度10m/min，可生产宽度900–2000mm，铝箔厚度0.18mm以上的产品。

同时本司也提供传统的铝塑板生产线，最高产量500–800kg/h，最高线速度5m/min，可以生产宽度900–1560mm，铝箔厚度0.06–0.5mm的制品。

**Aluminum plastic composite panel** called ACP in short, composed by aluminum foil and polyethylene, adopting thermo coating technology to produce this new construction material. It is widely used for construction wall, outer door decoration as well as advertising and inner door decoration.

Combining traditional processing technology and practical experience, JWELL develops high speed flame retardant grade ACP board. the maximun output can be 2500kg/h, line speed is 10m/min, width is 900–2000mm, aluminum foil thickness is more than 0.18mm.

Also, we are supplying normal ACP line with output range 500–800kg/h, maxim line speed 5m/min, suitable product width 900–1560mm, aluminum foil thickness 0.06–0.5mm.



主要技术参数 Main technical parameter

| 机型<br>Model | 制品宽度<br>Products width(mm) | 制品厚度<br>Products thickness(mm) | 设计挤出机产量<br>Design max capacity(kg/h) |
|-------------|----------------------------|--------------------------------|--------------------------------------|
| JWS170/35   | 900–1220                   | 1–6                            | 500–600                              |
| JWS180/35   | 900–1560                   | 1–6                            | 700–800                              |
| SJZ85/170   | 900–2000                   | 1–6                            | 1000–1200                            |
| SJZ95/203   | 900–2000                   | 1–6                            | 1200–1600                            |
| JWP135/48   | 900–2000                   | 2–6                            | 1600–2500                            |

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

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