



SHEET, PLATE & FILM EQUIPMENT

苏州金纬机械制造有限公司
SUZHOU JWELL MACHINERY CO., LTD.

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

10+ 驻海外办事处 Overseas offices
580+ 技术研发&工程师 R&D Engineer
3,000+ 金纬机械员工人数 Jwell Employee

8+ 个制造基地 Manufacture Bases
500+ 独家专利技术 Patents
1,000,000m²+ 工厂面积 Plant Area



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

SHEET, PLATE&FILM EQUIPMENT

— 专注塑料片、板和薄膜挤出装备制造和技术服务

FOCUS ON PLASTIC SHEET、PLATE & FILM EXTRUSION EQUIPMENT AND TECHNICAL SERVICES

苏州金纬机械制造有限公司是上海金纬公司的主关键零部件制造基地和重要发展战略中心。位于苏州市太仓市区工业园，厂区占地面积300余亩，员工1000余人，其中技术研发人员280多名；公司致力于高效节能塑料挤出成型自动化设备的研发、制造，每年生产销售出的高档塑料挤出生产线1000多(台)套。

公司本着“用心持久、拼搏创新”的企业精神，不断探索挤出新领域的开拓。26+年积累丰富经验的机械、电气调试工程师团队，在全球多地为您提供强有力的支持与服务。



金纬机械作为中国优秀塑机品牌，出口俄罗斯、印度、韩国、印尼、中东、非洲和南美洲、西班牙、意大利等100多个国家和地区，深受国外用户的好评。

SUZHOU JWELL MACHINERY CO., LTD. is the main and key parts manufacturing base and important development strategy center of Shanghai Jwell. Located in the Industrial Park of Taicang, Suzhou City, the factory covers an area of more than 200,000 m² and employs more than 1,000 people, including more than 280 technical R&D personnel. The company is committed to the research and development and manufacture of high-efficiency and energy-saving plastic extrusion molding automation equipment. There are more than 1,000 sets of high-grade plastic extrusion production lines. The team of mechanical and electrical commissioning engineers with 26+ years of accumulated rich experience provides you with strong support and services in many places around the world.

As a well-known plastic machine brand in China, Jwell Machinery is exported to more than 100 countries and regions such as Russia, India, South Korea, Indonesia, the Middle East, Africa and South America, Spain, Italy, etc., and is well accepted by foreign clients.

“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。

“诚实待人”

是我们铸就“百年金纬”的核心理念。

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

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

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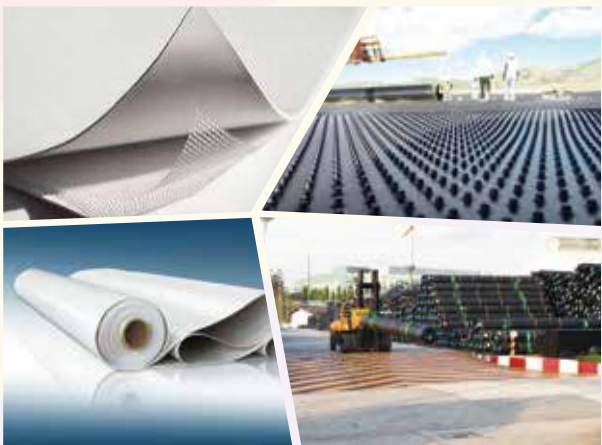


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新能源、医疗、包装等领域用途
NEW ENERGY, MEDICAL, PACKAGING AND
OTHER FIELDS



9米宽幅挤出压延土工膜生产线 9m Width Geomembrane Extrusion Calendering Production Line

Application: for foundation seal seepage and sealing field of landfill; for construction of oil, mine and tunnel; for seepage liner of water pool, reservoir dam; for protection of building leakage, etc.

Optional: single or double faces with pin texture; two surfaces with different color multi co-extrusion geomembrane; reinforced with cloth backing.

Main Technical Parameters:

Product width optional: within 9000mm customized; Thickness range: 0.5mm-4.0mm adjustable;

Raw materials include: HDPE, LLDPE, VLDPE and FPP.

产品适用: 垃圾填埋场基础密封防渗和封场, 石油、矿山、隧道施工, 水池、水库堤坝防渗衬垫, 建筑防漏保护等。

可选项: 单面或两面带有糙点防滑钉; 两面不同颜色的多层共挤土工膜; 加增强布背衬。

主要技术参数

制品宽幅可选: 9000mm以内任意定制; 厚度范围: 0.5mm-4.0mm可调节;

原料包括: HDPE (高密度聚乙烯)、LLDPE (线性低密度聚乙烯)、VLDPE (超低密度聚乙烯) 和FPP (柔性聚丙烯)。



高分子防水卷材生产线 Polymer Waterproof Roll Production Line

SUZHOU JWELL MACHINERY CO., LTD. will share with you many years of experience in the field of waterproofing membranes. It adopts co-rotating parallel twin-screw extruder, conical and parallel counter-rotating twin-screw extruder, and high-efficiency single-screw extruder. It is suitable for PE, EVA, TPO, PVC, ECB and other polymer coil production.

The production line has high output, high efficiency and low energy consumption. The high-efficiency extruder system with large output can produce 4-meter wide PE waterproofing membrane with a single-line annual production capacity of 5-30 million square meters. The thickness of the finished coil product is uniform, flat without ruffles and bulges; the test data is better than the standard; It can be equipped with a full set of robot automatic unpacking, computer proportioning and feeding, as well as finished product automatic winding and packaging, weighing and computer printing and labeling unmanned factory system equipment. The full set of production lines has a high degree of automation, less labor and easy management.

苏州金纬机械公司在防水卷材领域多年的经验与您共享。采用同向平行双螺杆挤出机，锥形、平行异向双螺杆挤出机，高效单螺杆挤出机多种机型方案，适合PE、EVA、TPO、PVC、ECB等多种高分子材料卷材生产。

生产线高产量、高效率，低能耗。大产量的高效挤出机系统生产4米宽幅PE防水卷材单线年产能可达500-3000万平方米。卷材成品厚度均匀，平整无荷叶边、无鼓包；各项检测数据优于标准；可配备有全套的机器人自动拆包、电脑配比供料，以及成品自动收卷打包、称重和电脑打印贴标无人工厂系统设备。全套生产线自动化程度高、用人少 易管理。

CRCC铁道部认证专用高分子防水卷材生产线应用PE, TPO, EVA 等高分子原料生产符合铁道部CRCC认证的高分子防水卷材。卷材制品各项性能指标符合认证要求。

主要技术参数 Main Technical Parameters

Product width: 1000- 6000mm optional;

Thickness range: 0.5mm—3.0mm optional;

Production line output: 800-3000Kg/h optional;

The whole line can be connected with glue coating and sanding process equipments to achieve linked running, to save equipments space and labor.

制品宽幅可选：1000—6000mm可选；

厚度范围：0.5mm—3.0mm可选；

生产线产量：800—3000Kg/h可选；

整线可以与涂胶、撒砂后道工序设备实现联线生产，节省设备占地和人工。



复合/加筋高分子防水卷材生产线 Composite/reinforced Polymer Waterproof Roll Production Line

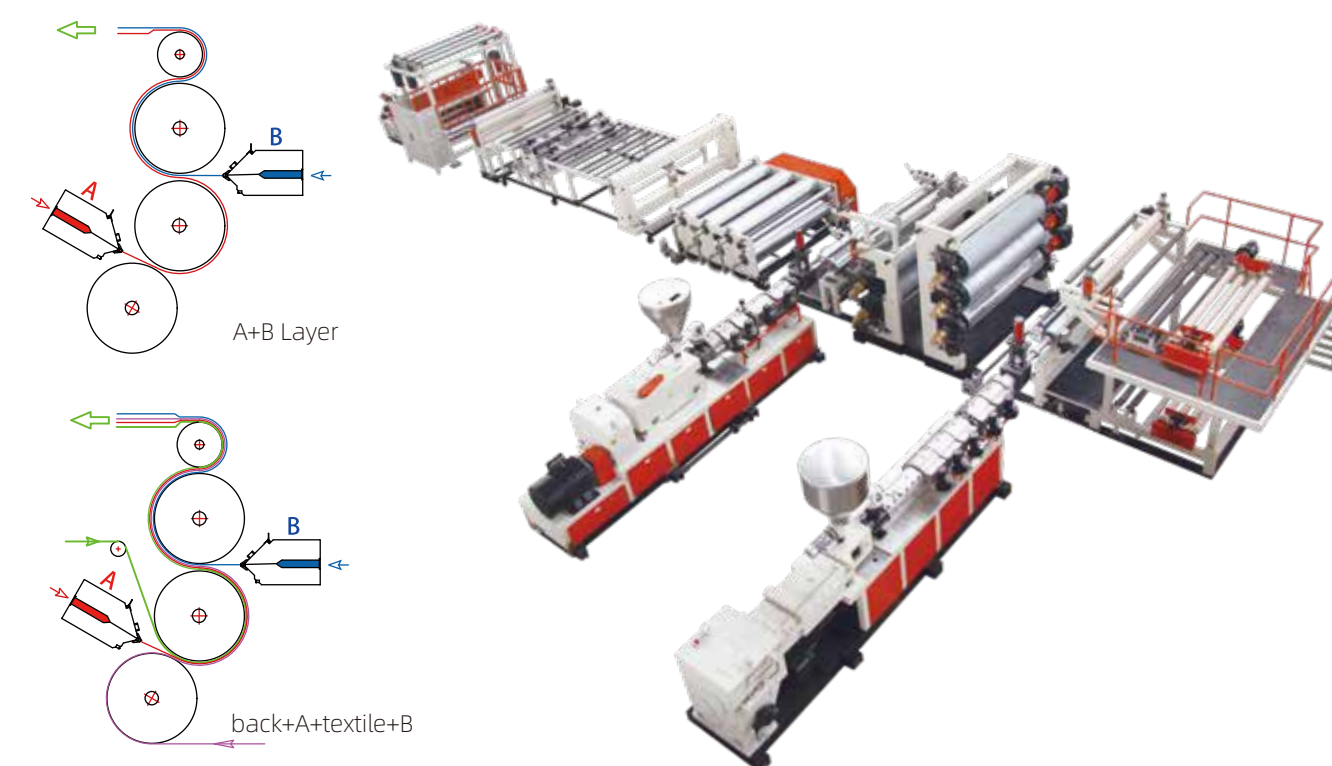
When producing three-layers composite polymer rolls reinforced with fiber cloth sandwiching and polymer rolls backed with fiber cloth, it is necessary to consider the full fusion of fiber cloth and plastic. Multilayers co-extruded laminated rolls products require the highest possible peel strength.

Suzhou Jwell Machinery Co., Ltd introduced European technology of the latest five rollers calendering system. Two layers of plastic in the melt state introduce reinforcement and coating layer into the roller calendering. In order to ensure each layer of uniform thickness, to ensure the hot melt state of the whole calendering once forming, product peeling strength is higher. The interlayer cloth and the back interlining cloth are easy to roll and change. The final product is smooth and high quality.

生产带有中间夹筋纤维布增强的三层复合高分子卷材，以及带有纤维布背衬的高分子卷材，需要考虑使纤维布与塑胶的充分熔合。多层共挤的夹筋卷材成品需要尽可能更高的剥离强度。

苏州金纬机械公司引进欧洲技术研发生产最新的五辊压延成型系统，两层塑胶在熔体状态下引入夹筋和覆布层进辊筒压延，在保证每一层厚度均匀的同时，确保热熔状态整体压延一次成型，制品剥离强度更高。

中间夹层布和背衬布放卷、换卷 简单易操作，覆布平整伏贴；最终成品平整、质量高。



蓄排水板生产线 Water Drainage Sheet Extrusion Line

The drainage plate is online vacuum-formed after extruding HDPE raw materials into sheets. The uniformly distributed conical bosses on the surface form a three-dimensional space support structure, which has the functions of drainage and water storage. It is used for the bottom layer of roof greening and sponge city projects.

由HDPE原料经挤出成片材后在线真空吸塑成型的蓄排水板，其表面均布的圆锥形凸台形成立体空间支撑结构，具有排水、蓄水功能。用于屋面绿化底层、海绵城市工程。



HDPE/PP止水板生产线 HDPE/PP T-Grip Sheet Extrusion Line

The water stop plate extruded from HDPE/PP raw materials is used for concrete pouring and is installed in the construction joints and deformation joints to form a whole with the concrete. It has the characteristics of elastic deformation and plays a leak-proof and anti-seepage effect.

由HDPE/PP原料经挤出成型的止水板，用于混凝土浇注时设置在施工缝及变形缝内与混凝土构成为一体，具有的弹性变形的特性在建筑构造接缝中起到防漏、防渗作用。



三维复合排水网挤出覆布生产线 Three-dimensional Composite Drainage Net Extrusion Covering Production Line

The maximum width of HDPE extruded three-dimensional geonet core is 6 meters. The three-dimensional composite drainage net, which is composed of non-woven fabrics on both sides online, has strong supporting pores and is used for drainage in road construction, extending the service life of the road.

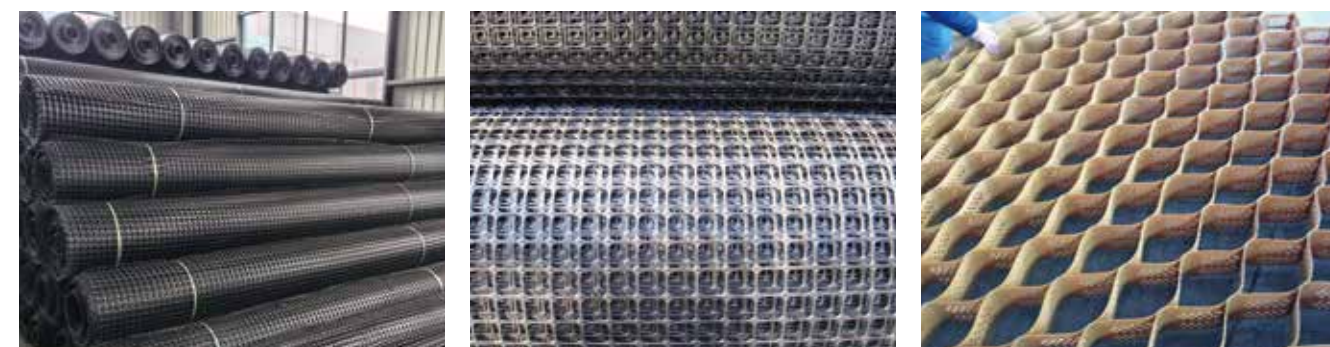
HDPE挤出成型的三维土工网芯，最大生产制品宽幅为6米。在线两面复合无纺布后的三维复合排水网，有强支撑力的孔隙，用于道路施工疏排水，延长道路的使用寿命。



塑料土工格栅、土工格室生产线 Plastic Geogrid And Geocell Production Line

Plastic geogrids and geocells are used for foundation reinforcement and landslide prevention in road construction. Suzhou Jwell Company provides various specifications of extrusion punching and stretch forming geogrid production lines; as well as a complete set of production line equipment from sheet extrusion to welding forming of geogrids.

塑料土工格栅、土工格室应用于道路施工的地基增强和防滑坡。苏州金纬公司提供多种规格的挤出冲孔拉伸成型土工格栅生产线；以及土工格室从片材挤出到焊接成型的整套生产线设备。



软质PVC/TPO/EVA/PE卷材生产线

Soft PVC/TPO/EVA/PE Roll Extrusion Line



With different designs and corresponding raw materials, extrusion line can produce multi-purpose coil products of various width and thickness.

PVC & TPO Floor: It has the characteristics of wear resistance, corrosion resistance, seepage resistance and flame retardancy, widely used on the ground of public places such as carriages, hospitals, and airports.

TPO Automotive Interior Panel: TPO and EPP are blanched to form a composite sheet used for surface interior parts such as automotive dashboards and door guards by molding process.

EVA/POE/TPO Car Sound Insulation Pad: paste on the car body hood, door, roof and other internal positions to isolate noise and improve strengthen&heat insulation.

TPE Car Floor Mat: safe, non-toxic, odorless, wear-resistant and long service life.

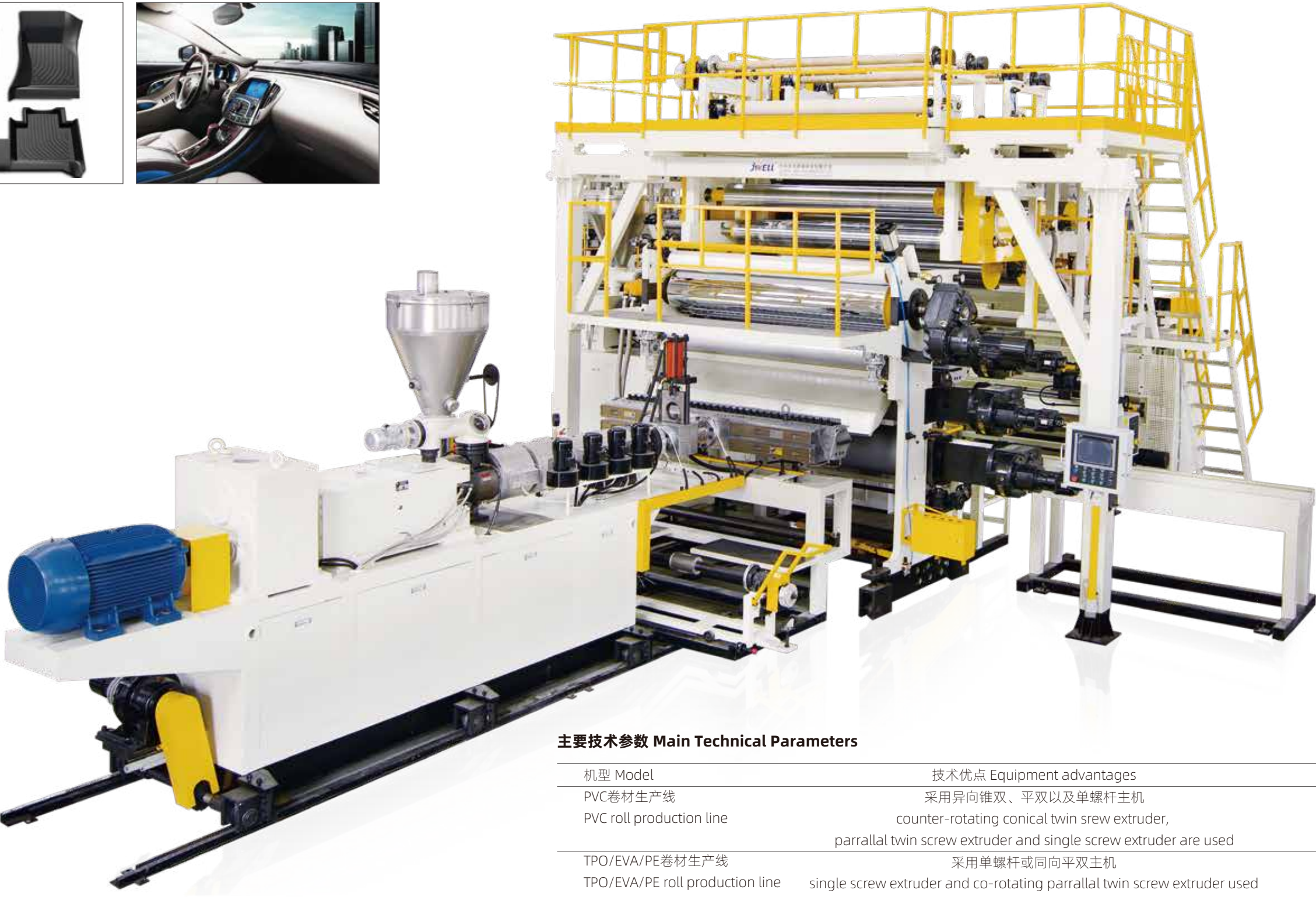
采用不同设计方案的挤出生产线以及对应原料，可以生产各种宽幅和厚度的多种用途卷材制品。

PVC&TPO地板革：具有耐磨、耐腐、防渗、阻燃的特性，广泛用于车厢、医院、机场等公共场所地面。

TPO汽车内饰板表皮：TPO与EPP两片材热烫形成复合片材，经工艺成型后制成汽车仪表盘、门护板等表面内饰件。

EVA/POE/TPO汽车隔音垫：贴在汽车的车身机盖、车门、车顶等内部位置，隔绝噪音，并起到加强、隔热效果。

TPE汽车脚垫：安全无毒无异味，耐磨使用寿命长。



主要技术参数 Main Technical Parameters

机型 Model	技术优点 Equipment advantages
PVC卷材生产线 PVC roll production line	采用异向锥双、平双以及单螺杆主机 counter-rotating conical twin screw extruder, parrallal twin screw extruder and single screw extruder are used
TPO/EVA/PE卷材生产线 TPO/EVA/PE roll production line	采用单螺杆或同向平双主机 single screw extruder and co-rotating parrallal twin screw extruder used

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片材挤出生产线

Apet/petg/pla Sheet Extrusion Production Line

Twin-screw energy-saving PET/PLA sheet production line 双螺杆节能型PET/PLA片材生产线

Using JWE75/85/95/110/135 co-rotating parallel twin-screw extruder, it can be vacuumed and exhausted without drying, with low energy consumption and high efficiency. It is more adaptable to be used for recycled material.
采用JWE75/85/95/110/135规格的同向平行双螺杆挤出机，抽真空排气免干燥，能耗低，效率高。吃破碎回收料更适应。

Single screw venting extruder PET/PLA sheet production line 单螺杆抽真空除湿PET/PLA片材生产线

The single-screw extruder is the first choice for producing high-quality PET sheets using virgin material. The finished sheets have higher transparency, high viscosity and super tensile properties, and are suitable for the needs of ultra-large stretch blister finished products. PLA raw materials can be used also to produce degradable and environmentally friendly packaging products.
单螺杆挤出机是使用全新颗粒原料生产高品质PET片材的优选，成品片材透明度更高，高黏度超强拉力性能，适用于超大拉伸的吸塑成品需求。采用PLA原料能生产可降解的环保包装制品。

PETG/GAG decorative sheet production line PETG/GAG装饰片生产线

GAG sheet is a three-layer composite sheet made of layered co-extruded APET and PETG. Online functional coating and thermal lamination devices can be added to produce a variety of surfaces such as solid wood texture, elegant skin texture, and high-gloss surface texture. The finished product is used for surface decoration or edge trimming of high-end cabinet boards and furniture.
GAG片材是APET和PETG分层共挤的三层复合型的片材。可以增加在线功能涂层和热覆膜装置，可以生产实木质感、高雅的肤感质感、高光表面质感等多种表面。成品应用于高档橱柜板、家具的表面贴皮装饰或修边。



主要技术参数 Main Technical Parameters

机型 Model	技术优点 Equipment advantages
单层线 Single layer	制品厚度product thickness: 0.08-2mm, 产能 capacity: 400-800kg/h
共挤线 Multi layer	可以生产2-5层，每层不同的颜色或不同原料 2-5 layers structure can be produced, each layer with different raw materials or colors
高产线 High capacity	2-3台挤出机共挤 高速生产线:产能1000-3000kg/h 2-3 extruders co-extrusion High-speed line: capacity 1000-3000kg/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单层及多层共挤片材生产线
PP/PS Single Layer and Multi-Layer Sheet Extrusion Line

PP/PS Sheet Extrusion Line PP/PS片材生产线

PP/PS sheet extrusion line is one kind of simple and standard machine among the sheet lines provided by JWELL, this line has the advantages of high capacity, good plasticization, easy operation and stable running.

PP/PS片材生产线是金纬公司提供的众多设备中属于较简单且标准的机器，该生产线具有产量高、塑化好，操作方便且设备运行稳定的优点。

PP/PS Thermoforming Sheet、PP Stationery Sheet PP/PS吸塑片材、PP文具片

PP/PS single-layer, co-extrusion two-color, double-side transparent sheets are used in thermoforming and packing industry. PP transparent sheet, dull polish sheet (coarse and fine), two-color sheet and some other sheets are used in stationery industry.

PP/PS单层片材、PP/PS共挤双色片材，PP双面高透明片材等用于吸塑包装行业的片材。PP透明片材、磨砂片材（粗砂、细砂）、双色片材等用于文具包装行业的片材。



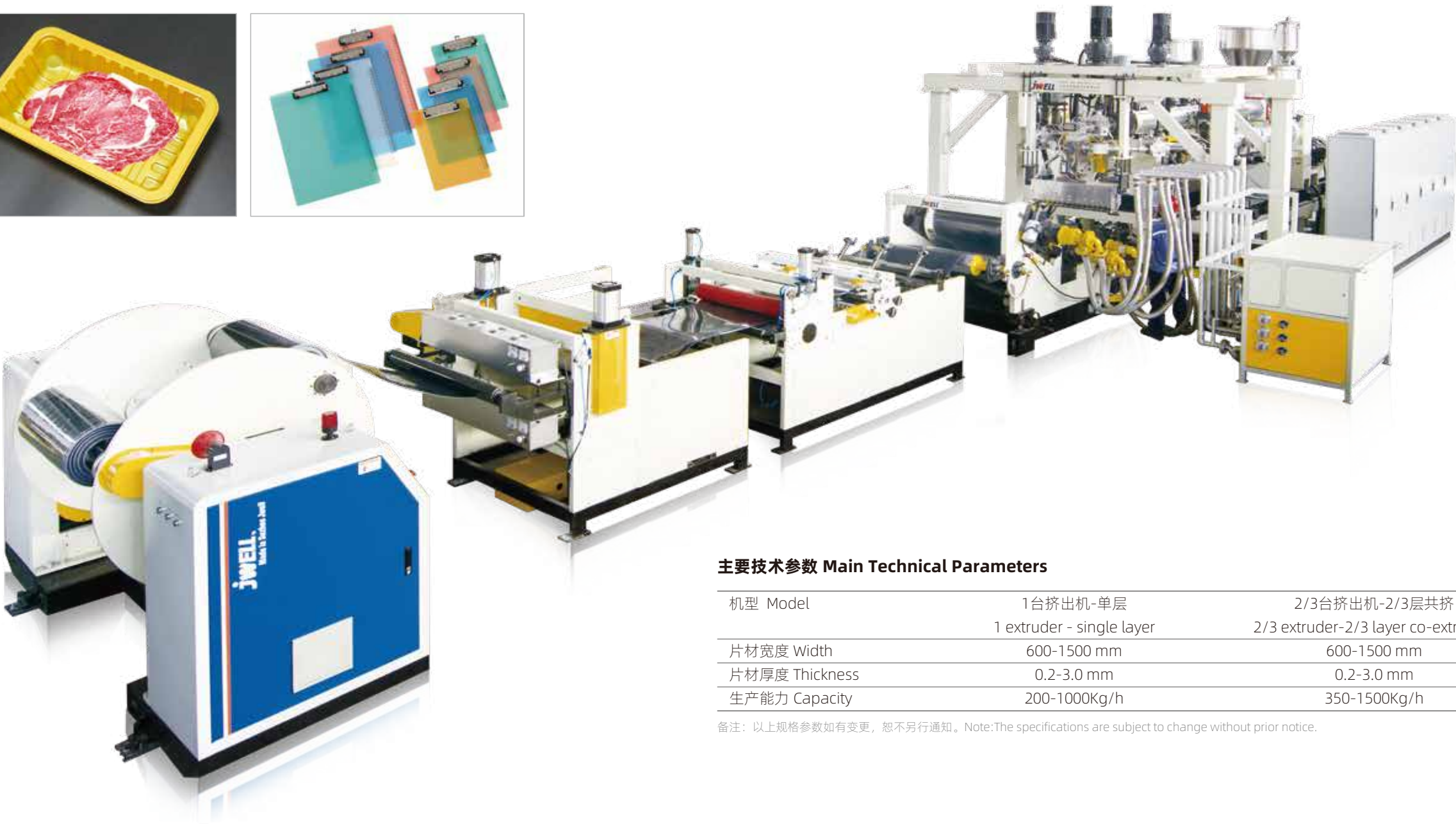
PP Foaming Sheet PP发泡片材

PP foaming sheet is mainly used for folder of stationery industry and separation plate of packaging field, also is used for producing visor, acoustic panel, luggage rack, interior decoration parts, cover, and box etc. in car interior decoration industry. PP发泡片材主要文具领域的文件夹等，包装领域的隔板等，以及汽车内饰领域的遮光板、隔音板、行李架、内装饰件、盖子、箱体等。

PS Electricity Conductive Sheet PS导电片

Mainly used for packing of semi-conductive electric components, computer products which require no dust, not static electricity, no radio frequency or facilities.

主要应用于半导体电子电脑通讯等产品，特别应用于要求无尘、无静电、放电防护及遮蔽电磁波/无线电频率干扰之配件或设备的包装。



主要技术参数 Main Technical Parameters

机型 Model	1台挤出机-单层	2/3台挤出机-2/3层共挤
	1 extruder - single layer	2/3 extruder-2/3 layer co-extrusion
片材宽度 Width	600-1500 mm	600-1500 mm
片材厚度 Thickness	0.2-3.0 mm	0.2-3.0 mm
生产能力 Capacity	200-1000Kg/h	350-1500Kg/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/EVA/EVOH/PS/PE多层共挤片材生产线

PP/EVA/EVOH/PS/PE Multi-Layer Sheet Co-Extrusion Line

PP/EVA/EVOH/PS/PE Multi-layer Sheet Co-extrusion Line

To meet market's high request on products, JWELL develops advanced technology of five layer symmetrical distribution and seven layer asymmetrical distribution, which makes the sheets having better barrier performance.

PP/EVA/EVOH/PS/PE多层共挤阻隔片材生产线

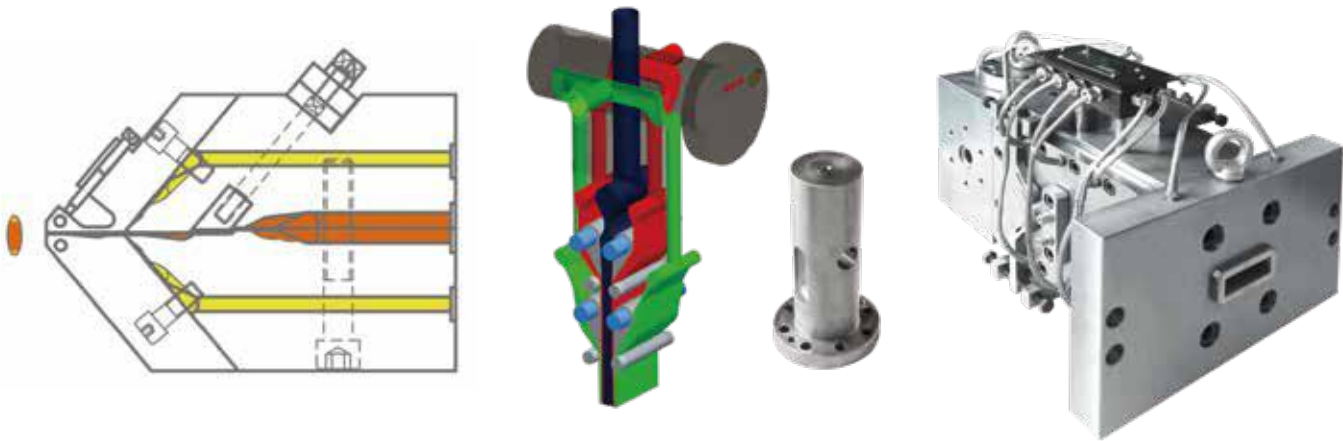
由于市场对产品越来越苛刻的要求，金纬公司开发了先进的五层对称和七层非对称分配技术，使该设备生产出的产品获得了更优异的阻隔性能。

PP/EVA/EVOH/EVA/PP Five Or Seven Multi-layer Co-extrusion High Barrier Fresh Keeping Sheet











has the excellent anti-oxygen and anti-humidity features. It is one of the best barrier packing materials. Mainly used for Jelly packing, meat packing, snack food packing, medicine and cosmetic packing and so on.

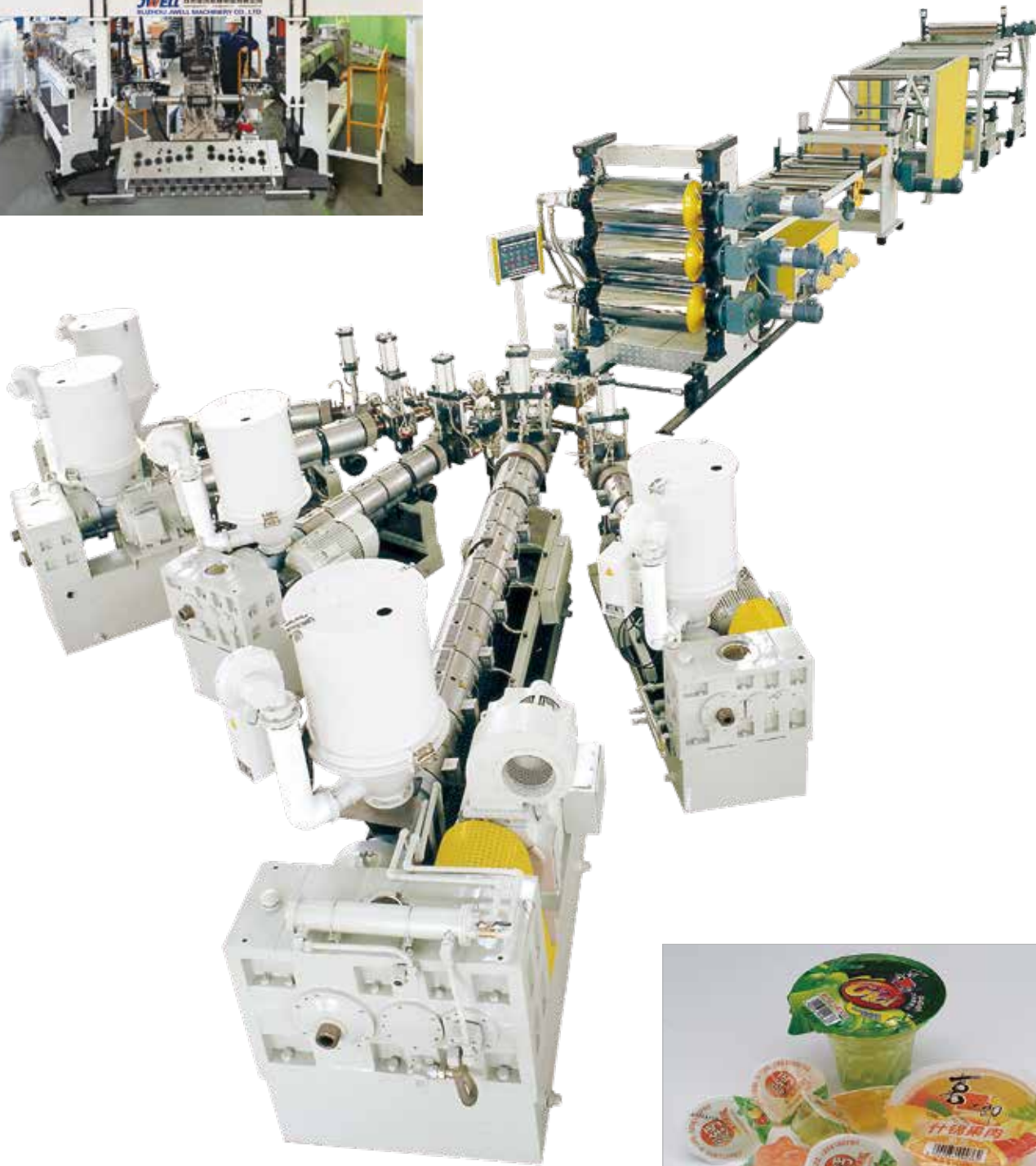
PP/EVA/EVOH/EVA/PP五层或七层共挤复合高阻隔保鲜包装片材

是具有良好的阻气性、阻湿性，是气体阻隔性能良好的一种塑料包装材料。主要应用于果冻包装，高档肉食品、快餐米饭等食品包装，药品、化妆品等包装。



分配器结构图 Illustration Of Structure Of Distributor

原料排列方式 Materials feeding form	 A B	 A B A	 A B C	 A B A C	 C A B A C
流道模式 Running model					
应用实例 Materials feeding form	PS+HIPS EVA+PE PMMA+ABS ABS+HIPS APET+PETG	PS+HIPS+PS ABS+HIPS+ABS HIPS+回料PS+HIPS HIPS+PVC+HIPS PETG+APET+PETG	PMMA+HIPS+ABS PC+ABS+UPVC HIPS+回料PS+PS	PEPS+HIPS+PEPS+PS HIPS+回料PS+HIPS+PS	ABS+HIPS+回料PS +HIPS+ABS PMMA+ABS.PMMA +ABS+ABS.PMMA+PMMA



PC/PMMA/GPPS/PET 高透明片材、板材生产线

PC/PMMA/GPPS/PET Super Transparent Plate Extrusion Line

PC/PMMA Optical Sheet Production Line

Suzhou JWELL can provide optical-grade sheet production line with its advanced technology and machining equipment. The special screw structure, precise metering pump system and mold ensure the excellent transparent optical properties of the sheet; the precise calendering system ensures the accurate thickness and size of the sheet. Products are used in high quality application such as display screens and lenses.

PMMA/GPPS Sheet

Traditional transparent plate used in advertising, decoration, signs, etc.; electroplated plates are used in vacuum plating plastic mirror; lighting light guide plates and diffusion plates are used in advertising decoration such as ultra-thin light boxes, LED flat panel display lights and poster stands; liquid crystal light guide plates Used in liquid crystal display components such as computers and TVs.

PET/PTG Thick Sheet Production Line

The sheet processed with modified PET raw material is more economic to replace PC sheet used for construction, decoration, advertising and other applications.

PC/PET Corrugated Plate

Corrugated forming equipment are added in the middle of the production line to make PC corrugated plate which has extremely high weather resistance, light transmission and impact resistance used in the construction of light-transmitting roofs.

PC/PMMA光学片材生产线

苏州金纬凭借先进的工艺技术及装备向用户提供光学级片材生产线。专用螺杆、精密的计量泵系统和精密模具保证了片材优异的透明光学性能；精密的压光系统保障片材的厚度尺寸准确。产品应用于显示屏、镜片等高端领域。

PMMA/GPPS板材

常规透明板材应用于广告、装饰、标牌等；电镀板用于真空电镀塑料镜片；照明类导光板、扩散板应用于超薄灯箱、LED平板显示灯和海报架等广告装饰方面；液晶类导光板用于电脑、电视等液晶显示组件。

PET/PTG板材生产线

采用改性PET原料加工的板材，替代PC板材，更具有性价比。用于建筑、装饰、广告等用途。

PC/PET波浪板

在生产线中段增加波浪形压延成型设备，制成PC波浪板，极高的耐候性、透光性和抗冲击性，应用于透光屋顶建设。



主要技术参数 Main Technical Parameters

适应原料	Suitable material	PC/PMMA/GPPS/APET/改性板材级PET
制品宽度	Products width	1220-2500mm
制品厚度	Products thickness	1-15mm
挤出产量	Extrusion capacity	400-1000 (kg/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.



ABS/HIPS/PMMA冰箱板、洁具板生产线

ABS/HIPS/PMMA Refrigerator Plate, Sanitaryware Plate Extrusion Line

ABS/HIPS/MMA Refrigerator Plate, Sanitaryware Plate Extrusion Line

Suzhou JWELL provides the leading plate extrusion lines with large output and low energy consumption, the lines are equipped with concentrated material feeding system and automatical piler, its automatical production function reduce the cost of processing and improve product quality highly.

It has wide application in production of refrigerator door and inner gallbladder, drawers, water dispensers, etc.

ABS/HIPS/PMMA冰箱板、洁具板生产线

苏州金纬提供国内领先的大产量低能耗板材挤出生产线，具备集中供料系统及机械手自动堆垛装置，实现了高程度的自动化生产功能，大大的降低生产成本并提高了产品品质。

洁具板 Sanitaryware Plate

It is widely applied in the field of bath products, such as the bathtub, the shower cabinet, the vapor room, washing bowl, etc.

用于卫浴产品如：浴缸、淋浴房、蒸汽房、洗脸槽。

广告板 Advertising Board

This board is mainly used in guiding board, machinery sign, advertisement decoration, indoor decoration and so on.

主要应用于:指示导向牌、胸标牌、机械标牌、广告装潢、室内装饰等。

箱包板 Baggage Plate

It is mainly applied in field of draw-bar boxes, luggage cases, recreation bags, etc.

主要用于各种拉杆箱、行李箱、休闲包等箱包。

汽车板 Car Plate

It is mainly used for producing tops of cars and buses, instrument boards, backrest, car doors, window frames, shells of the motorcycles, golf vehicles, etc.

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。



主要技术参数 Main Technical Parameters

机型 Model	JW120/70/60-2200	JW120/60/45-1800	JW160/60-2200
适用原料 Material	ABS、PMMA	ABS、PS、HIPS	ABS、PS、HIPS
挤出机规格 Extruder specification	Ø120/38,70/35,60/35	Ø120/38,60/35,45/35	Ø160/38,60/35
共挤分层形式 Co-extrusion layer	A/B/C/B/A	A/B/C	A/B,A/B/A
制品宽度 Products width	A/B/C/B/A2200mm	1800mm	2200mm
制品厚度 Thickness of the product	2-8mm	1-6mm	1-6mm
最大挤出产量 Max extrusion capacity	600kg/h	550kg/h	1200kg/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/HDPE Thick Board Production Line: Used in chemical anticorrosion, environmental protection facilities, mechanical parts, ice hockey rink wall panels, etc. Suzhou JWELL can provide a complete set of production line and extrusion technology for the production of plates with a thickness of 30mm or even thicker. Special cross-cutting machine cutting technology, stable operation, dust control, low noise, and smooth cut of the board.

ABS Thick Board Production Line: Used in chemical protection, environmental protection and anticorrosion, home appliances and other fields. The production line has fast speed and large output while the finished sheet is flat and bright. A protective film can be used for the surface of the board.

PVC Thick Board Production Line: Products are more used in the chemical industry, cost-effective. Produced by twin screw extruder, the line has good plasticizing effect and produce high strength&bright surface plate .

PP/HDPE厚板生产线: 应用于化工防腐、环保设施、机械零件、冰球场墙板等用途。苏州金纬可以提供生产厚度达30mm甚至更厚的板材整套生产线和挤出技术。特殊的横切机裁断技术，运行稳定 控粉尘 噪音小，板材切口光滑平整。

ABS厚板生产线: 用于化工防护、环保防腐、家电等领域。生产线速度快、产量大，制品板材平整，表面光亮。板材表面贴保护膜。

PVC厚板生产线: 制品更多应用于化工领域，性价比高。采用双螺杆挤出机生产，生产线塑化效果好，板材强度高、表面润亮。



主要技术参数 Main Technical Parameters

机型	挤出机规格	适用原料	制品宽度	制品厚度	设计挤出产量
Model	Extruder model	Suitable material	Products width(mm)	Products thickness(mm)	Capacity(kg/h)
JWS150-2000	Ø150/35	PP, PE, ABS	1220-1500	3-40	500
JWS170-2600	Ø170/35	PP, PE, ABS	1500-2000	3-40	700
JWS180/120-3200	Ø180/35、Ø120/35	PP, PE, ABS	2000-3000	3-40	1500
SJZ80/156-1500	SJZ80/156	PVC	1220	3-40	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.

UHMWPE超高分子量厚板生产线

UHMWPE Ultra-high Molecular Weight Thick Board Production Line

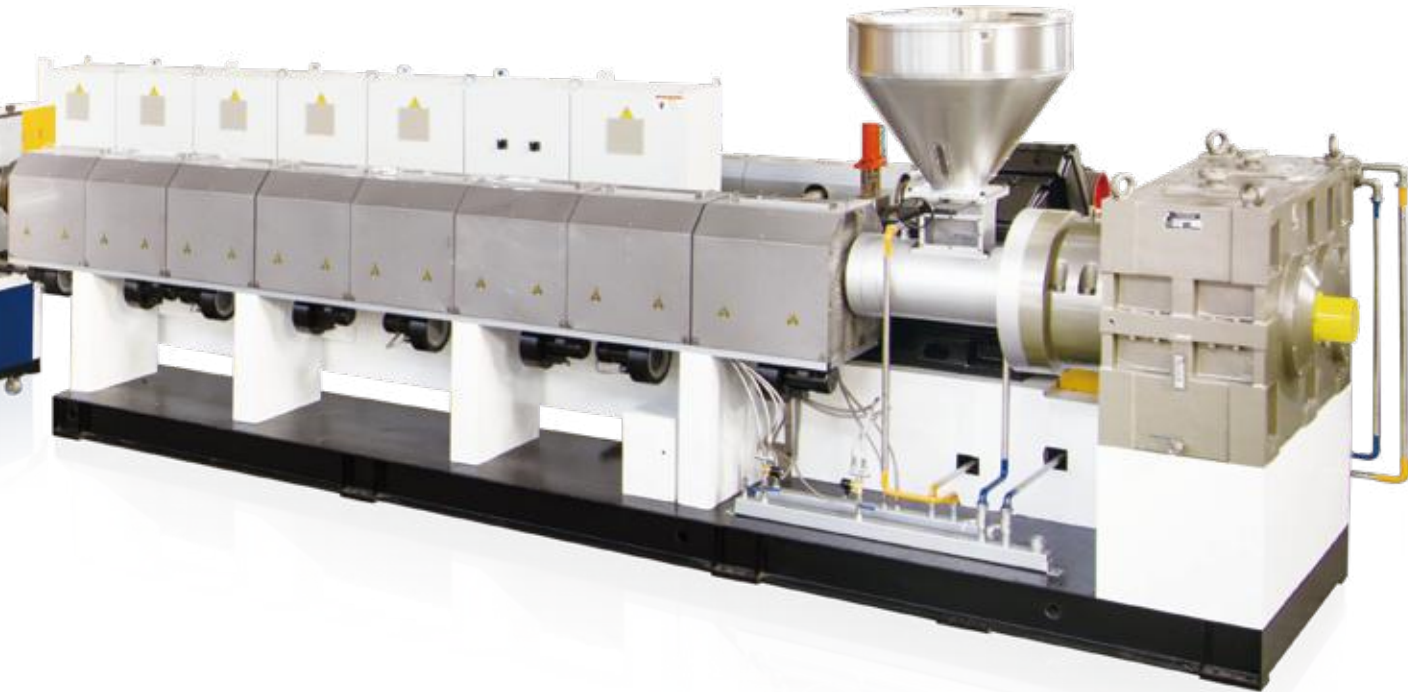
Using 1.5-4.5 million molecular weight UHMWPE to continuously extrude large-width and various-thickness board is Suzhou JWELL advanced technology with its own patent.

Because of the special and excellent properties of ultra-high molecular weight polyethylene, sheet products are used in civil high-demand places such as aerospace, military industry, and special heavy industry.

Proportioning and mixing the corresponding metal powder, kneading and extruding UHMWPE sheet, which has a higher value for special purposes.

使用150~450万分子量的UHMWPE原料挤出成型，连续生产大宽幅、多种厚度的板材生产线，是苏州金纬公司拥有自主专利的先进技术。

由于超高分子量聚乙烯的特殊优异性能，板材制品应用于航天、军工、特种重工业等民用高要求场所。配比混合相应的金属粉末，混炼挤出的UHMWPE板材，具有更高价值的特殊用途。



PC/PP/ PE中空格子板生产线 PC/PP/ PE Hollow Board Line

PC Hollow Profile Plate Production Line

The products are used in the lighting roof of office building, shopping mall, sports venues, the awning of public facilities such as stations and parking lots, and the sound barrier of highways and urban viaducts.

JWELL specially design precision hollow profile plate die mold and shaping system, so that the product cavity full vertical bar straight, high strength plate. Replacement die mold can produce 4-40mm different thickness, "m" grid, multi-layer grid PC grid board, as well as with U-shaped locking edge products.

PP/PE Hollow Profile Plate Production Line

Products are used in turnover boxes, packing boxes. With light weight, moisture-proof, environmental protection and recyclable performance.

Suzhou Jwell PP hollow profile plate production line With high speed, high product strength and light weight. Automatic stacking of finished products, to achieve high efficiency production.

PC中空格子板生产线

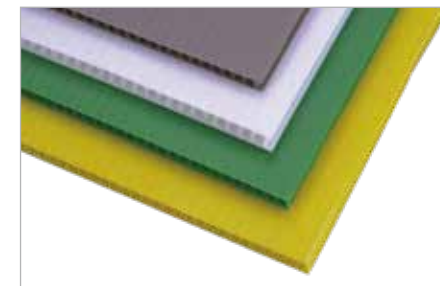
制品应用于办公楼、商场、体育场馆的采光顶，车站、停车场等公用设施的雨棚，高速公路及城市高架路隔音屏障。

金纬特殊设计的精密格子板模具和定型系统，使得制品空腔饱满立筋平直，板材强度高。更换模具可以生产4-40mm不同厚度，“米”字格、多层格的PC格子板，以及带U型锁扣边制品。

PP/PE中空格子板生产线

制品应用于周转箱，包装箱。具有重量轻、防潮、环保可回收 等性能。

苏州金纬PP格子板生产线 速度快、制品强度高、克重轻，自动化成品堆码，实现高效率生产。



高速铝塑复合板生产线

High Speed Aluminum Plastic Composite Panel Extrusion Line

Aluminum-plastic Composite Panels

referred to as aluminum-plastic panels, are made of aluminum foil that has been surface-treated and coated (with fluoro-carbon coating or polyester coating) as the surface layer, polyethylene material as the core layer, and produced through a thermal composite process. New decorative material; mainly used in building curtain wall, exterior wall decoration and advertisement, interior decoration, etc.

Combined with the traditional production technology and practical experience, the aluminum-plastic panel production line adopts an advanced extrusion system, which can produce various products, with a maximum output of 3000kg/h, a maximum production line speed of 10m/min, and a thickness of 1-6mm. 1600mm, 2100mm width products.

The host can use single-screw host, conical twin-screw and flat twin host. The traditional single-screw host is easy to start and the equipment is cost-effective (flame retardant grade C). C), flat double is suitable for the production of flame-retardant panels and aluminum-plastic panels with additives (flame-retardant grade B or C)

Our company can also provide an aluminum-plastic panel production line with an inorganic core layer, which adopts the unwinding and laminating process to meet the highest A-class fire protection requirements.

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，铝塑板生产线采用先进的挤出系统，可以生产各类制品，最高产量3000kg/h，最高生产线速度10m/min，可生产1-6mm厚度，800mm、1220mm、1600mm、2100mm宽度的制品。

主机可以使用单螺杆主机、锥双螺杆和平双主机，传统单螺杆主机开机简单设备成本经济(阻燃等级C)，锥双主机适用于全回料高填充场合节能省电(阻燃等级B或C)，平双适用于阻燃板和添加助剂的铝塑板生产(阻燃等级B或C)

我司亦可提供使用无机芯层的铝塑板生产线，采用放卷覆合工艺，用于最高A级防火等级要求。

单螺杆挤出机 Single Screw Extruder —可生产 C 级板 FR degree: C

型号 model	功率 power	产量 capacity	最高线速度 Max line speed
JWS170/35	250KW	600-700kg/h	5m/min
JWS180/35	250KW	700-800kg/h	5m/min

同向锥双主机 Conical Twin Screw Extruder —可生产 B、C 级板 FR degree: B or C

型号 model	功率 power	产量 capacity	最高线速度 Max line speed
JST75/150	132KW	600-700kg/h	8 m/min
JST85/170	200KW	900-1000 kg/h	10 m/min
JST95/203	250KW	1200-1300kg/h	10m/min

同向平双主机 Parrallal Twin Screw Extruder —可生产 B、C 级板 FR degree: B or C

型号 model	功率 power	产量 capacity	最高线速度 Max line speed
JWP95/44平双	400KW	1000-1200KG	10m/min
JWP110/44平双	500KW	1500-1800KG	10m/min

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.



可选测厚仪，机械手，风冷空调，多组分喂料装置，铝箔剥离回收装置，破碎机 etc 来提供产品质量和生产自动化。

EVA/POE光伏太阳能封装膜生产线

EVA/POE Solar Film Extrusion Line

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

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。

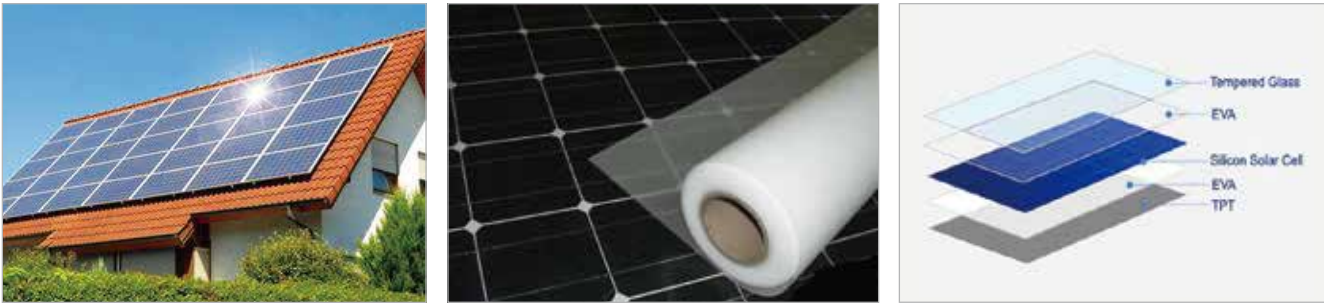


PP/PE光伏电池背板生产线

PP/PE Solar Photovoltaic Cell Backsheet Proudction Line

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.

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。



主要技术参数 Main Technical Parameters

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

PE石头纸生产线
PE Stone Paper Production Line

The production of stone paper does not require trees and using plant fibers to make paper, which protects the natural ecology and is an environmentally friendly product. Stone paper made from PE raw materials and calcium stone powder is fully mixed, which is easy to write and print, moisture-proof and moth-proof, folding and tear-resistant, and can be used in packaging, office paper, printed albums, decorative wallpapers and other fields.

石头纸生产不需要砍伐树木利用植物纤维来造纸，保护自然生态，是环保产品。采用PE原料与钙石粉末充分混合后制成的石头纸，易于书写和印刷、防潮防蛀、耐折耐撕，应用于包装、办公纸张、印刷画册、装饰墙纸等领域。

Suzhou Jwell provides a complete set of equipment required for stone paper production, including processes such as mixing and granulation, extrusion casting, tensile reinforcement, surface coating, winding and slitting. The production line is integrated and controlled by computer PLC, with fast production speed, high efficiency and low cost. The finished stone paper has a smooth surface and good quality.

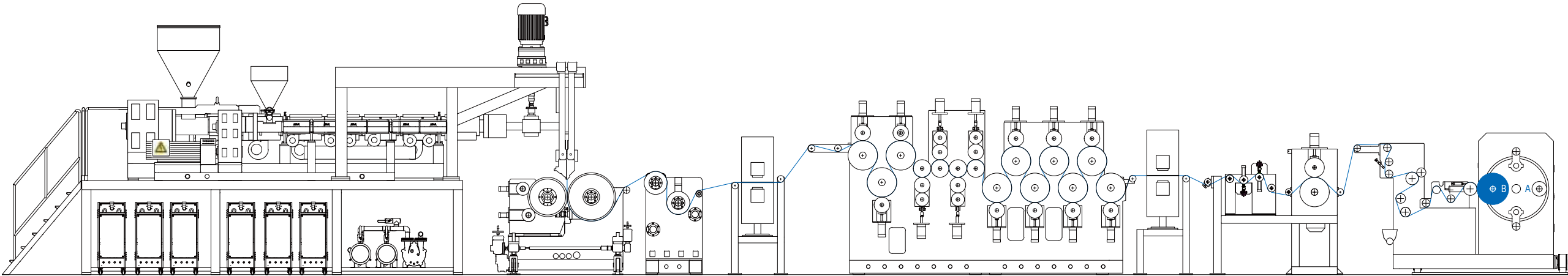
苏州金纬提供石头纸生产所需的整套设备，包括混合造粒、挤出流延、拉伸增强、表面涂布、收卷和分切等流程。生产线由电脑PLC集成控制，生产速度快 效率高、成本低，石头纸成品表面光滑、质量好。



主要技术参数 Main Technical Parameters

制品Product	制品厚度Product thickness	制品宽度Product width	产量capacity	机型Model
石头纸Stone paper	0.05-0.5mm	1200-1800mm	500-1800kg/h	75-150/90

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.

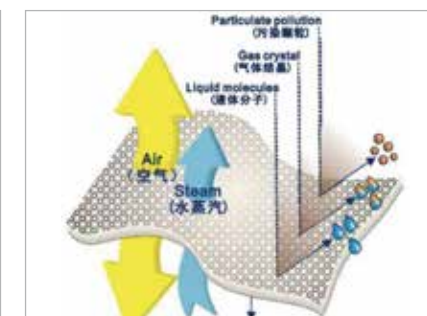


单向拉伸膜/透气膜生产线 MDO Film/PE Breathable Film Production Line

It is used in the production of PP, PE hygienic breathable film, PE lithium battery separator, PP, PE, PET, PS heat shrinkable packaging industry and other stretch film fields.

The Main Components Of The Equipment: extruder, T-die, casting unit, MDO, automatic winder and control system. Relying on our company's advanced integrate design and core component self manufacturing capability, our stretch film production line has the following characteristics: precise and stable extrusion melting system; specially designed longitudinal stretching roller; international famous brand for power transmission and control system; The control system adopts precise PLC program control; great stretching precision, high speed and stable operation of the whole unit.

Various types of high-precision stretch film units can be customized and designed according to customer needs. 1-10 times stretch ratio, product width range 500-4000mm, thickness range 0.05-0.3mm.



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

设备的主要构成

挤出机、模具、铸片、纵向拉伸、自动收卷和控制系统组成。依托我司先进的整体设计和核心部件加工制造能力，研制的拉伸膜生产线具有以下特点：精密稳定的挤出熔融系统；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。

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500-4000mm，厚度范围0.05-0.3mm。



单层或多层共挤流延膜生产线
Single or Multiple Layers Casting Film Co-extrusion Line

Single Layer Or Multi-layer Cast Film Extrusion Line 单层或多层共挤流延膜生产线

Mainly used for producing CPP CPE EVA single, multi-layer flat film; CPP CPE EVA single, multi-layer embossed film; CPP CPE air free film.

主要用于生产CPP CPE EVA PVB 单层、多层光膜；CPP CPE EVA PVB 单层、多层压花膜；CPP CPE 透气膜。

PVB/SGP Flim Extrusion Line PVB/SGP夹胶膜生产线

It is for producing PVB and SGP film which used in the middle layer of laminated glass.

主要用于生产安全夹胶玻璃用PVB/SGP中间膜。

PVDF Flim Extrusion Line PVDF背膜生产线

This extrusion line is mainly used for producing the PVDF/ETFE film for treatment of production water, outdoor buildings, lithium battery, and the back membrane of solar cell, other special film.

主要用于生产水处理用PVDF膜、户外建筑用PVDF/ETFE膜、锂电池用PVDF膜和太阳能电池背膜等特殊功能性薄膜。



主要技术参数 Main Technical Parameters

机型 Model	制品宽度(mm) Products width	制品厚度(mm) Products thickness	机械运行速度(m/min) Max line speed	最大产量(kg/h) Max capacity
JCF-3000PP	2700	0.02-0.12	250	800
JCF-3500PP	3200	0.02-0.12	250	1000
JCF-4500PP	4200	0.02-0.12	250	1400
JCF-5500PP	5200	0.02-0.12	250	1600

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.

单层或多层淋膜涂覆复合生产线
Single Layer Or Multi-Layer Coating Film Extrusion Line

Different types of plastic materials such as LDPE, PP, EVA, TPO, PVC, etc. are extruded through T die by casting way, and coated to flexible substrates surface of paper, film, non-woven fabrics, woven cloth, or rigid substrates face such as aluminum foil, copper foil, and steel plate, cooled and shaped to form a special composite material that combines the barrier properties and heat sealability of the plastic film layer and the strength, toughness, and functional properties of the base material.

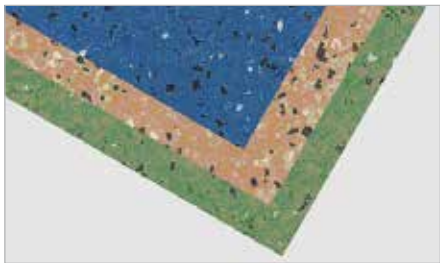
将LDPE、PP、EVA、TPO、PVC等不同类型的塑胶原料，通过挤出流延成型的方式经T型模具模口挤出，热熔状态下涂覆附着于纸张、薄膜、无纺布、编织布等柔性基材表面，或者铝箔、铜箔、钢板等刚性基材表面，冷却定型压合成兼有塑料薄膜层的阻隔性和热封性、基材的强韧度和功能特性的特种复合材料。



其它的塑料片板膜生产线
Other Plastic Sheet And Plate Extrusion Line



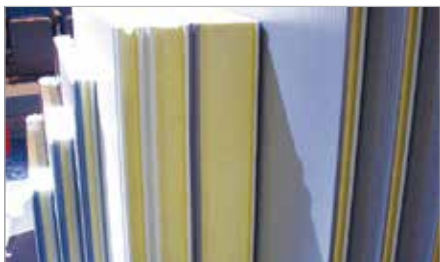
TPU Film Extrusion Line TPU薄膜生产线
Products are widely used in water-proof strips, shoes, clothing, bags, stationery, sports goods and so on.
制品广泛应用于止水条、鞋材、服装、箱包、文具、体育用品等等。



**PVC Homogeneous Heart Flooring Leather Production Line
PVC同质透心地板革生产线**
PVC homogeneous floor is made of PVC granules of various colors, which are scattered, heated and pressed together. The product is wear-resistant, non-slip, anti-static, fire-proof and environmentally friendly, with 2-3mm thickness and various width. It is used for the floor of bullet train, passenger cars and the ground of public venues.
同质透心地板革由多种色彩的PVC不规则颗粒料，经配散平铺、加热压合而成。产品耐磨防滑防静电防火环保，常规厚度2-3mm，多种宽度规格。用于高铁、客车地板，公共场馆地面。



**XPE/IXPE Foaming Coil Extrusion Line
XPE/IXPE交联聚乙烯发泡卷材生产线**
This product can be widely used in central air conditioning project, pipe project, large container, advanced composite layer; bag lining, packaging of integrated circuit board, cushion and heat insulation for car, decoration material and so on.
用于：中央空调工程、管道工程、大型容器、高档复合屋面系统；箱包内衬、集成电路板等电器的导静电包装；汽车缓冲绝热、装饰材料等领域。



XPS Heat Insulation Foaming Boad Extrusion Line (CO2 Foaming Technology)XPS挤塑保温板生产线 (CO2发泡技术)
Newly forming machine designed by Jwell, adapting CO2 as forming agent, which is for taking palce of freon and butane , features of green environment protection and low cost consumption.
金纬公司新研制的CO2发泡机组，利用CO2替代氟利昂、丁烷进行XPS挤塑板生产绿色环保、成本低廉。



PP Honeycomb Board Extrusion Line PP蜂窝板生产线
Used for car trunk cover board, trunk clapboard, trunk carpet substrate, side wall decoration board, ceiling etc. interior place.
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。

企业风采：品质管理 技术研发 国际交流 客户服务 员工培训
Quality Control Technology Research International Communication
Customer Service Staff Training

