

APET、PETG、CPET、GAG单层及多层共挤片材生产线
 APET, PETG, CPET, GAG Single-layer Or Multi-layer Sheet Extrusion Machine

是目前国内技术先进、工艺成熟、性能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PS、PP、PE等片材制品。

It is one of the sheet extrusion lines with advanced technology, mature process and stable performance. Compared with similar equipment in China, the comprehensive efficiency is more than 30% higher. This production line can also be used to produce PS, PP, PE and other sheets.

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、高频波加工。PETG is commonly known as low temperature PET, which is a new environmental protection packaging material with high gloss, high transparency, excellent barrier and self-viscosity. It can be used for glue bonding, high frequency processing.

CPET片材 CPET Sheet

CPET是一种改性PET，具有耐高温的特性，通常用于微波炉烤盘等。CPET is one of modified PET with high temperature resistance property, and it is commonly used to make microwave oven baking trays, etc.

PET立体光栅片 PET 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。

PET optical grating sheet is widely used in cosmetics, drugs, tobacco and alcohol packaging and general goods such as three-dimensional anti-counterfeit packaging, as well as stationery, pendants, advertising, posters, all kinds of cards, cards and other fields.

GAG片材 GAG Sheet

GAG片材是一种APET和PETG材料的三层复合型的片材。产品特性是透明度高，质感佳，且成本较PETG大幅降低。这种片材主要用作装饰片和附胶片，应用领域包括建材、家具板，包装、医药等诸多行业。尤其在家具行业由于环保，原材料价格和产品特性等原因，GAG片材正逐步代替PVC装饰片，市场前景巨大。

GAG sheet is a three-layer composite sheet of APET and PETG. The outstanding characteristics of the sheet are good transparency, good texture, and the cost is greatly reduced compared with PETG. This kind of sheet is mainly used as decorative sheet and glue coated sheet, and its application fields include building materials, furniture board, packaging, medicine and many other industries. Especially in the furniture industry, GAG sheet is gradually replacing PVC decorative sheet due to environmental protection, raw material price and product characteristics, with great market prospect.



平行双螺杆挤出机免干燥排气型PET片材生产线
 Twin Screw Extruder Dryer-free Vented Pet Sheet Extrusion Line

金纬推出的双螺杆免干燥排气型PET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地减少了PET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地控制新料、回料、色母组份的比例，所生产的片材可用于吸塑、印刷、包装等领域。

Jwell company's twin screw extruder PET sheet production line is featured with low energy consumption, simple process and convenient maintenance. Its unique screw combination structure effectively reduces the viscosity drop of PET resin. Symmetrical thin-wall rollers improve the cooling efficiency and increase the capacity and sheet quality. Multi-component gravimetric feeding system can accurately control the proportion of new material, recycling material, masterbatch and other components in the production formula. The sheet can be used in thermoforming, printing, packaging and other fields.



PP/PS片材生产线
 PP/PS Sheet Extrusion Line

PP/PS片材生产线是金纬公司提供的众多片材挤出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 sheet extrusion line is one of simple and standard machine among many sheet lines provided by JWELL company, this line has the advantages of high capacity, good plasticizing, easy operation and stable running performance.

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

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。PP/PS single-layer sheets, PP/PS co-extrusion two-color sheets, double-side high transparent sheets are used in thermoforming packaging industry. PP transparent sheets, frosted sheets (coarse and fine), two-color sheets and some other sheets are used in stationery industry.



PP发泡片材 PP Foaming Sheet

PP发泡片材主要应用于文具领域的文件夹，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。PP foaming sheets are mainly used for folder of stationery field and separation plate of packaging field, also used for producing visor, acoustic panel, luggage rack, interior decoration parts, cover, and box in the field of car interior decoration.

PS导电片 PS Conductive Sheet

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、放电防护及屏蔽电磁波/无线电频率干扰之配件或设备的包装。It is mainly used in semiconductor, electronic and computer communication products, especially in the packing of parts and equipment that require no dust, no static electricity, discharge protection and shielding electromagnetic wave/radio frequency interference.

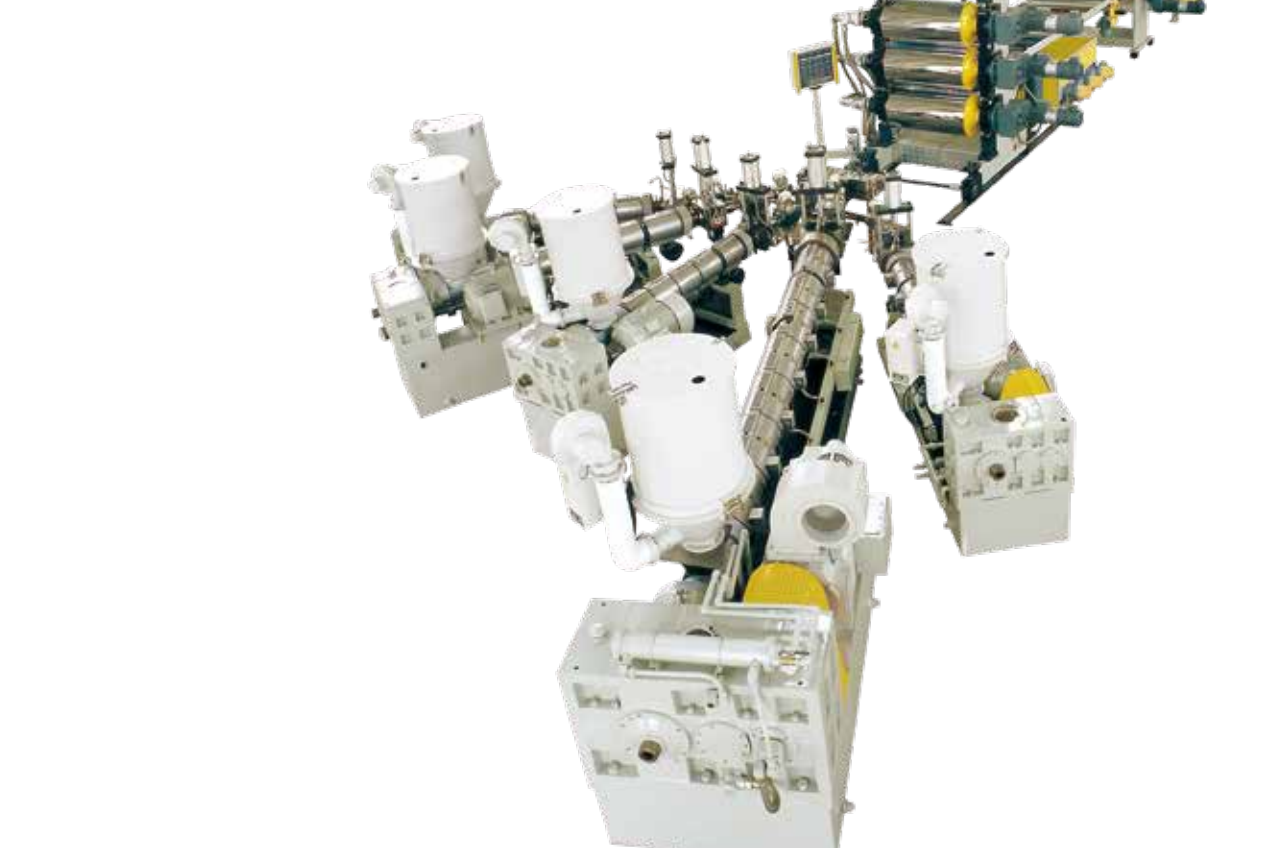


PP、EVA、EVOH、PS、PE多层共挤阻隔片材生产线
 PP, EVA, EVOH, PS, PE Multi-layer Co-extrusion Barrier Sheet Line

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。

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

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。PP/EVA/EVOH/EVA/PP five-layer or seven-layer co-extrusion barrier fresh keeping sheet has good properties of air resistance and moisture resistance. It is a good plastic packaging material with air barrier performance. It is mainly used in jelly packaging, high-grade meat food, fast food and other food packaging, also used in medicine, cosmetics and other packaging.



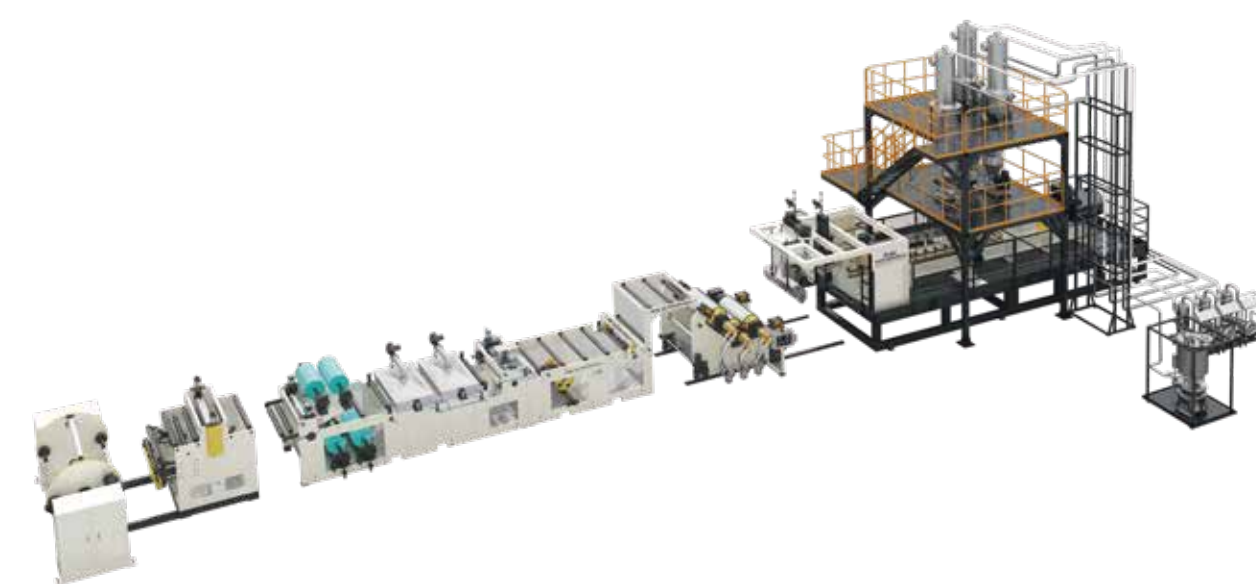
吸塑包装类(热成型)

金纬机械
 JWELL MACHINERY

PLA (聚乳酸) /PBS/PBAT可降解片材生产线 PLA (Polylactic Acid)/PBS/PBAT Degradable Sheet Extrusion Line

PLA (聚乳酸) 是一种新型的生物基及可再生生物降解材料, 使用可再生的植物资源 (如玉米、木薯等) 所提出的淀粉原料制成。聚乳酸的生产过程无污染, 而且产品可以生物降解, 实现在自然界中的循环, 因此是理想的绿色高分子材料。聚乳酸的热稳定性好, 加工温度 170 ~ 230°C, 有好的抗溶剂性, 由聚乳酸制成的产品除能生物降解外, 生物相容性、光泽度、透明性、手感和耐热性好, 还具有一定的抗菌性、阻燃性和抗紫外性, 因此用途十分广泛, 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。

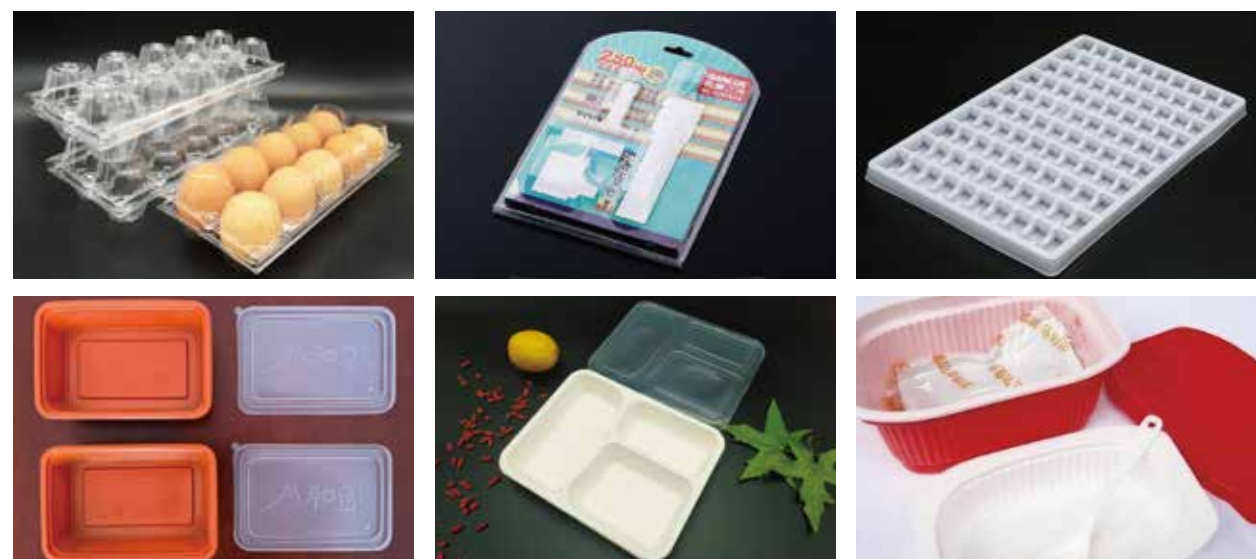
PLA (polylactic acid) is a renewable biodegradable material made from starch derived from renewable plant resources such as corn and cassava. PLA is an ideal green polymer material because its production process is pollution-free and the product can be biodegradable and recycled in nature. Thermal stability of PLA is good, the processing temperature is between 170 ~ 230 °C, it has good solvent resistance. Products made of PLA have the advantages of biodegradable, biocompatibility, gloss, transparency, good feel and heat resistance, but also have certain bacteria resistance, flame retardant and ultraviolet resistance, so it is quite widely used for the packaging of fruits, vegetables, eggs and hard packaging of baked goods, also for the packaging of sandwiches, cookies and flowers.



HW-850 全自动正负压3/4工位热成型机 Full Automatic Positive and Negative 3/4 Stations Thermoforming Machine

为方便客户一站式采购, 金纬公司可以配套提供PET, PP, PS, PLA等片材半自动或全自动热成型吸塑机。
For the convenience of one-stop purchasing, JWELL company can provide semi-automatic or automatic thermoforming machines for PET, PP, PS, PLA and other sheets.

- 采用正压和负压成型方式
- 成型面积: 710*850mm
- 正向成型和负向成型深度: 150mm
- 速度: 15-30次/分钟
- 机器功率: 40-50kw
- 全伺服驱动
- 80T液压裁断工位
- 三段加热区域, 双面加热
- Machine adopts top air pressure and bottom vacuum forming method
- Forming area: 710*850mm
- Male and female forming depth: 150mm
- Speed: 15-30cycles/minute
- Machine consumption: 40-50kw
- Full servo motor machine driven
- 80T hydraulic cutting station
- Three sections heating zone, double heating oven



片材模头系列 Sheet Die Series

JW-P-K1

快速开口系列模头, 上模唇推拉式微调, 柔性下模唇可实现不停机在线快速调整制品厚度规格, 调节范围最大达5mm, 带45度节流棒调节装置, 适用生产PC、PS、PP、PE、PLA等单层或多层片板。

Fast opening die series, the upper die lip with fine-tuning push-pull type, the flexible lower die lip can adjusting product thickness on-line without stop, the Max adjusting range up to 5 mm, Equip with 45 °blocking bar, it is suitable for produce PC, PS, PP, PE, PLA, single-layer or multi-layer plate .



JW-P-A1

标准衣架式流道设计, 上模唇可微调, 适用生产PET(APET、PETG) PC、PS、PP、PLA等, 单层或多层片板, 宽度≤2100mm, 厚度0.14-2mm。

With coat-hanger channel, micro-adjustable upper die lip, the die is perfect for single-layer or multi-layer PET(APET, PET)PC, PS, PP, PLA plate with the width ≤2100mm, and the thickness between 0.14-2mm.



片材涂布机 Sheet Coating Machine

涂布工艺被定义为在一种基材的一面或两面涂上覆盖层、上光层或保护层的过程, 从而使基材具备相应的功能或特性。一条完整的涂布线大致由以下部分组成: 放卷、牵引、涂头、热风循环 (或蒸汽、导热油) 的加热烘道、通风和排风管道、机架、冷却、复合、收卷及电气控制系统等。

Coating is defined as the process of applying a coating, glazing, or protective layer to one or both sides of a base material so that the base material has the corresponding function or properties. A complete coating line is roughly composed of the following parts: unwinding, traction, coating head, hot air circulation (or steam, heat conduction oil) heating drying channel, ventilation and exhaust pipe, frame, cooling, composite, winding and electrical control system.



基材 Base material	PET, PP, PS, PVC, PE, PLA等片材 PET, PP, PS, PVC, PLA...sheets and films
基材宽度 Width of base material	500-1600mm
涂布方式 Coating method	正向网纹涂布, 逆向网纹涂布 Forward screen coating, reverse screen coating
涂布速度 Coating speed	10-100m/min
干燥方式 Drying way	导轨式热风干燥箱, 电加热 Roller type hot air drying box with electrical heating.
涂布材料 Coating material	可涂UV硬化, 导电液, 防静电液, 及硅油 Coating UV for hardening, conductive liquid, anti-static liquid, silicon oil

原料除湿干燥系统 Material dehumidifier and dryer system

原料除湿干燥系统Material dehumidifier and dryer system

除湿干燥系统特别适用于PET回收料高效的除湿作业。广泛应用于注塑、挤出或塑料成型等行业, 是塑料产品的前期生产不可缺少的干燥除湿设备。适用于PET、TPU、PMMA、PLA、PC、PS、ABS等所有需要除湿干燥的塑胶物料。

Dehumidifying and drying system is especially suitable for efficient dehumidification of PET recycling material, it is widely used in injection molding, extrusion or plastic molding industries. It is an indispensable drying and dehumidifying equipment in the early production of plastic products. It is suitable for PET, TPU, PMMA, PLA, PC, PS, ABS and other materials that need dehumidification and drying.

PET结晶机 PET crystallizer

结晶机用于持续结晶非晶相化的材料, 将尚未晶相化的PET原料或回收料处理成可以直接高温干燥的晶相化物料。结晶后的物料可以与PET新料按一定比例混合后, 一起进行除湿干燥。可大幅降低生产成本。广泛应用于PET片材和回收造粒生产行业。

PET crystallizer is used for continuous crystallization of amorphous materials, making PET raw materials or recycled materials that have not been crystallized into crystallized materials which can be directly dried at high temperature. Then crystallized material can be mixed with the new PET material in a certain proportion and then dehumidified and dried together. It can reduce the production cost greatly. Crystallizer is widely used in the field of PET sheet production and recycling granulation production.



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