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**常州金纬化工成套设备有限公司**  
**CHANGZHOU JWELL CHEMICAL MACHINERY CO., LTD.**



# 常州金纬简介

常州金纬是上海公司的又一重要发展战略中心，其坐落于江苏省溧阳市江苏中关村科技产业园内，是一家致力于塑料挤出成型设备的研发、制造的高科技厂家。厂区占地面积400余亩，公司拥有一支高素质的研发队伍和丰富的机械、电气调试工程师团队，以及先进的机械加工基地和规范的装配车间。公司本着“用心持久、拼搏创新”的企业精神，不断探求挤出新领域的开拓。热烈欢迎国内外新老客户莅临我公司参观、指导、合作、我们愿为您提供强有力的支持。



公司产品遍布全球各地，包括俄罗斯、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，深受用户好评。

“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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# CHANGZHOU JWELL MACHINERY

JWELL CHANGZHOU is another development strategy center of Shanghai JWELL Machinery Co.,Ltd, Ltd, locating at Jiangsu province,a high-tech manufacturer specializing in research and development of plastic extrusion equipment. The factory area is of 400 acres;We have a high qualified R&D and experienced mechanical and electrical engineer team as well as advanced processing foundation and normative assembly shoop. Our enterprise spirit is"Attentive,Enduring,Quick and Orderly",keeping on exploring of new extrusion field.Mostly welcome to new and old customers to visit us for investigation, guidance and cooperation. We are happy to offer powerful support!

Company products all over the world, as well as Russia, India, South Korea, Indonesia, the Middle East, North and Latin Americas, Spain, Italy etc., more than 100 countries and regions, praised by users.

"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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# IXPE发泡卷材生产线

## IXPE Foaming Coil Extrusion Line



IXPE交联聚乙烯发泡卷材线包含以下四步生产流程：  
**造粒-----挤出母片-----发泡成型-----辅机收卷**

一、常见的三种造粒方式：

- 密炼--开炼--拉片--冷却--切粒；
- 密炼--单螺杆挤出--水环（风冷）切粒；
- 高速搅拌机--平双挤出机--单螺杆挤出机--水环（风冷）切粒。

二、挤出母片：金纬公司根据多年IXPE螺杆设计制造经验，不断地改进IXPE螺杆的结构设计，改进机筒以及螺杆的温控和冷却系统，对模具的内部结构优化设计，采用立式镜面三辊压光机成型，配备高精度的恒温系统，使得IXPE母片材挤出过程中稳定连续，确保物料塑化分散均匀，温度易于控制。

三、发泡成型：

A、水平炉：发泡炉采用新型三段加长炉，炉体分为预热段、交联段、发泡段三部分，炉体全长 23 米，高 5.5 米，宽 3.5 米。配置名牌高精度节能燃烧器，确保温度得到精确控制，可生产XPE、IXPE，橡塑发泡产品。

- 特点：能耗低：将预热段、交联段做了较大改变，满足工艺要求的情况下，减少热容空间，节能降耗，燃气用量与两段炉相当；
- 生产工艺范围宽：炉内热量分布上，克服炉体内热量分布不合理的缺陷，按照IXPE 发泡的工作热量要求，使得IXPE发泡在一个比较宽的范围内，发泡倍率在5-35倍，发泡充分，连续稳定；

产量大：在目前国内生产的发泡炉中，我们的三段炉产量大，可达 200KG/H 以上，而且IXPE泡孔比两段炉更细密。

B、垂直炉：该线包含放卷装置、送料牵引装置、网带张紧装置、网带驱动装置、预热炉体、垂直炉体、扩幅装置等。

- 特点：加热均匀、热量损失小、产能大、能耗低，操作简单。
- 经过辐照后的制品广泛应用于：电子领域、汽车领域、建筑领域、医疗、缓冲包装、运动休闲等诸多领域。其中地板静音垫、平衡层经电子辐照后，环保无毒，耐老化、腐蚀；独立闭孔结构，有效防止潮气侵蚀地板；优秀的隔音性能，能减少楼层间的噪音传播；使用过程中提升脚感舒适度。

四、辅机收卷：辅机全长20米，依次通过五辊定型机、风冷系统、表面整形、自动纠偏切边装置、牵引机、双工位收卷机。  
以上挤出母片、发泡成型、收卷辅机三部分全长60米左右。

五、电子辐照收放卷系统：IXPE电子交联发泡卷材在发泡前需要经过电子辐照，该设备为卷材进入电子加速器室前的整套辅机设备，包含放卷装置、牵引机、放卷储料、纠偏装置、收卷储料、收卷机等。  
特点：配合电子加速器电子辐照量设定收放卷速度，自动化程度高；整机多点张力控制单元保证片材张力稳定。配备品牌过程纠偏系统，有效保证片材齐整。

IXPE crosslinked foamed PE roll material line contains the following four – step process:  
**PELLETIZING----EXTRUDE----- FOAMING -----WINDER**

1、Normal pelletizing method:

- Banburying ---open mill --zipper pulls---cooling --cutting.
- Banburying---single screw extruder --water circulation (or air cooling)cutting.
- High speed blender--parallel twins screw extruder---single screw extruder--water circulation (or air cooling)cutting.

2、Extrude:

Jwell screw design and manufacture based on IXPE experience, Continuously improve the structure of IXPE screw design, improved barrel and screw temperature control and cooling systems, On inner Structural Optimization Design of mould, Formed with vertical mirror of three - roll calender, equipped with high precision temperature control system, Mother makes IXPE steady and continuous process of sheet extrusion, ensure the material plasti-cizing distributed evenly, easy to control the temperature.

3、Foaming:

A.Horizontal Foaming Oven

Foaming oven adopts the latest enhanced furnace ,Oven divided into three parts: preheating stage,coil stage, furnace whole length 23meters, high ceiling 5.5 meters, width 3.5 meter.,equipped imported brand high precise burner,Ensure accurate temperature control, can produce XPE, IXPE, rubber and foam products.

- 1, Low energy consumption: The preheating period, crosslinking made larger changes, meet the technological requirements, reduce the heat capacity of space and energy consumption. , gas consumption and a two-stage furnace.
- 2, Wide range of production processes: Heat distribution in the furnace, overcome the defects of unreasonable distribution of heat in the furnace,In accordance with the work of the IXPE foam thermal requirements, making the IXPE foam over a relatively wide range, expan-sion ratio at 5-35 times, foam full, continuous and stable.
- 3, The output is big: In the current domestic production of foam furnace, our three - stage production of the largest and the largest 200KG/H above, and IXPE foam more detailed than the two - stage gasifier.

B.The vertical Oven

The line includes coiling device, feeding traction device, net belt tensioning device, net belt driving device, preheating furnace body, vertical furnace body, widening device, etc.

- Features: uniform heating, small heat loss, large capacity, low energy consumption, simple operation.
- The irradiated products are widely used in the fields of electronics, automobile, architecture, medicine, buffer packaging, sports and leisure, etc.
- One of the floor mat, balance layer after electronic irradiation, environmental protection non-toxic, anti-aging, corrosion; Independent closed-hole structure, effectively prevent moisture erosion of the floor; Excellent sound insulation performance, can reduce the noise spread between floors; Improve the comfort of your feet during use.

4、Rewinding auxiliary equipment:

The whole length of downstream line is 20m, as from front to back order, it is passed 5 roller calibration unit,air cooling system,smooth surface dealing device,automatic correction trimming device,haul off unit,double position collector.The above three parts, foam extrusion, rolling length of 60 meters.

5. Electronic irradiation rewinding and rewinding system: IXPE electronic crosslinked foaming coils need to undergo electronic irradiation before foaming. This equipment is a complete set of auxiliary equipment before the coils enter the electron accelerator room, including coiling device, traction machine, coiling storage, deviation correction device, coiling storage, coiling machine, etc.

- Features: with the electronic accelerator electronic irradiation setting of the winding speed, high degree of automation;The multi-point tension control unit guarantees the stability of the sheet tension.Equipped with the brand process correction system, effectively ensure the integrity of the sheet.



# XPE交联聚乙烯发泡生产线

## XPE Coil Foaming Extrusion Line



XPE(IXPE)是一种自由式连续发泡的材料。表面光洁、泡孔密闭、独立、均匀、不吸水的软质材料。和其它类似产品相比较，其性能更加优良，特别是在环保、阻燃、绝缘、防水、防潮、减震、缓冲、回弹、保温、隔热、耐候性、耐老化性、耐药品性、质轻、易加工成型、无公害等方面是其它材料无法同时兼备的，所以XPE(IXPE)作为内衬芯材、外包装材被广泛应用到汽车内饰、体育休闲、旅游用品、包装、冷冻、建筑、家庭装饰、公共场所装饰、以及鞋材、箱包、摩擦材料、农林水产、海洋航海工业、儿童玩具、医疗保健及各种日用百货行业等领域。

XPE(IXPE) is a kind of free-style continuous foaming material. The surface is bright and clean, bubble hole is airtight, independent, even, not bibulous soft qualitative material. Compared with other similar products, its performance is more excellent, especially in environmental protection, flame retardant, insulation, waterproof, moisture-proof, shock absorption, buffering, resilience, heat preservation, heat insulation, weather resistance, aging resistance, drug resistance, light weight, easy processing and molding, pollution-free and other aspects are other materials can not simultaneously. Lining so XPE (IXPE) as core material and packing material has been widely applied to automobile interior trim, sports leisure, tourism supplies, packaging, refrigeration, building decoration, home decoration, public, as well as shoes, bags, friction materials, agriculture, forestry and fisheries, Marine navigation industry, children's toys, health care, and various kinds of general merchandise industry, and other fields.



XPE交联聚乙烯发泡生产线技术参数/XPE Coil Foaming Extrusion Line Parameter

挤出机 Extruder	JWS150/28	JWS170/28
螺杆转速 Screw speed Max	10-35	10-35
最大挤出量 Max output(KG/H)	200	240
制品宽度 Width(mm)	1100-1800	1100-2000
制品厚度 Thickness(mm)	3-12	3-12
主电机功率 Power of main motor(KW)	132	160
总装机功率Total power(KW)	317	380





# 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.





# TPE/TPO/PVC地板革、汽车脚垫生产线

TPE/TPO/PVC Flooring Footmat Extrusion line



主要用于生产PVC地板革类产品。PVC地板革具有耐磨、耐腐、防滑、防渗、阻燃的性能，广泛用于机车、宾馆、酒店、娱乐厅、展馆、家庭。

可以根据客户的要求，配置不同的设备组件，用于生产单层、多层复合产品；也可增加放卷装置，生产内增强产品或表面复合无纺布、PVC装饰膜等的产品。

Mainly used for producing the sort of PVC Floor leather rolls. PVC Floor leather has the performance of anti-friction,corrosion resistance, skidproof, impermeable and inflaming retarding, and is widely used on auto, hotel, amusement place, exhibition hall,house,etc.

The structure of this production line is simple, and convenient to operation .According to customers' requirement ,equipped with different components,used for producing single layer, multi-layer composite production and also can be equipped with unreeling unit,used for producing inner strengthen production or surface compound non-woven fabrics and PVC decoration film, etc.



主要技术参数 Main technical specification

型号 Type	双层 Double layers	三层 Three layers
制品宽度 Products width	1500-2000mm	2000-3000mm
挤出机规格 Extruder specification	SJZ65/132 - SJZ80/156	SJZ65/132 - SJZ80/156 - SJZ65/132
最大挤出量 Max output capacity	500-550kg/h	600-750kg/h
主电机功率 Main motor power	37kw/55kw	37kw/55kw/37kw

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.

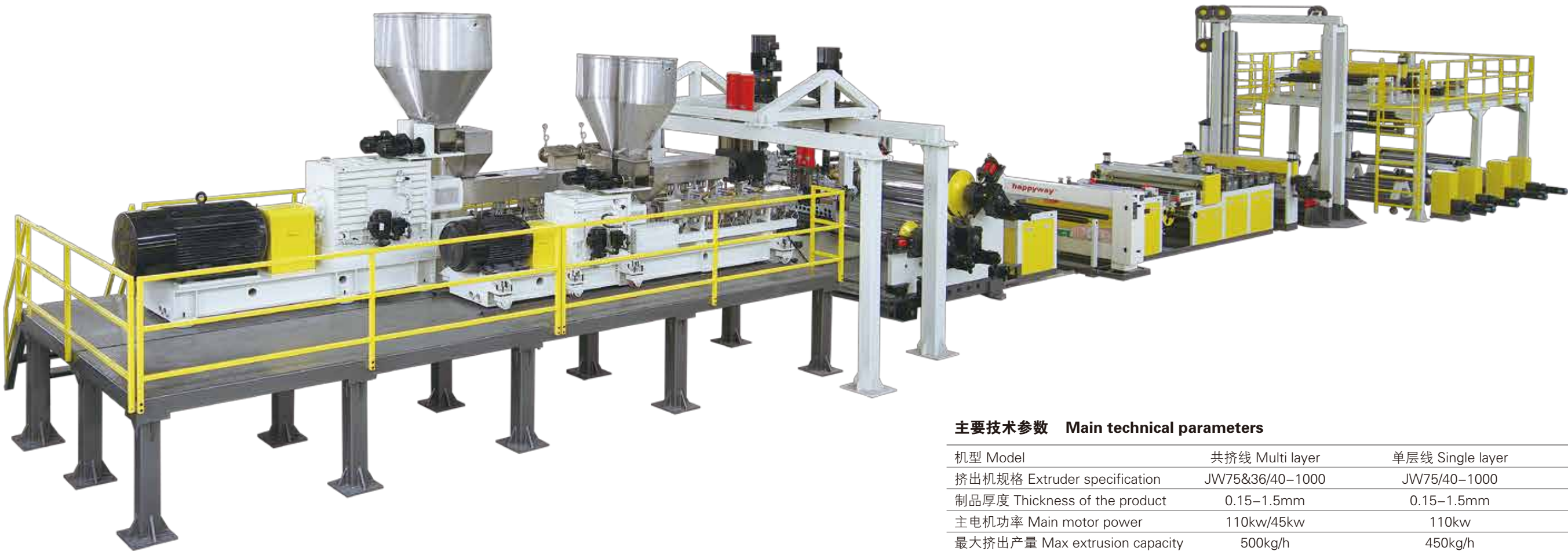


# 双螺杆免干燥排气型PET/PLA片材生产线

Twin Screw Dryer-free Vented PET/PLA Sheet Extrusion Line

常州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的减少了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。

Changzhou JWELL develops the parallel twin screw extrusion line for PET 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 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 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	JW75&36/40-1000	JW75/40-1000	JW95&52/44-1500
制品厚度 Thickness of the product	0.15-1.5mm	0.15-1.5mm	0.15-1.5mm
主电机功率 Main motor power	110kw/45kw	110kw	250kw/55kw
最大挤出产量 Max extrusion capacity	500kg/h	450kg/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.

# PVC透明软/硬片生产线

## PVC Transparenct Soft and Rigid Sheet Extrusion Line

### PVC挤出透明硬片生产线

PVC挤出透明片材具有阻燃自熄、优质价廉、透明度高、表面光泽好、晶点少、水纹小、耐冲击性强且易于成型等特点，广泛应用于各类工具、玩具、电子、食品、医药、服装等行业的吸塑、折盒、包装等。

### PVC transparent rigid sheet extrusion line

PVC transparent sheet have many advantages of fire-resistance, high quality, low cost, high transparent, good surface, no spot, less water wave, high strike resistance, easy to mould and etc. it applys to different kinds of packing ,vacuuming and case, such as tools, toys, electics, food, medicine and clothes.

### PVC挤出透明软片生产线

PVC透明软板软门帘是传统棉门帘的换代产品。本产品具有柔软、透明、绝缘、安全、绿色、环保、耐酸碱、无异味、易清洗等特点，能够保冷、保温、节能、防尘、防风、保湿、防腐、防火、防静电、防强光、防紫外线、隔音、桌垫、采光、工业减振、安全警示、铺地面墙面、器物表面防护和漆膜保护，可用于冷冻、食品、印刷、纺织、电子、仪表、制药、仓储、商场等场所。对带电作业场所的绝缘，有害弧光的遮断，均起到很好的效果。

### PVC transparent soft sheet extrusion line

PVC transparent soft sheet is product insteading of the traditional door curtain. It is soft, clear, insulation, safe, environmental protection, acid resistance, no peculiar smell, easy to clean, and etc, also can be used in cold and heat insulation, save energy,wind-proof, keep humidity, anti-corruption, fire proof, anti static. ultraviolet radiation proof, sound proof, table pad, daylighting,industrial damping, safety warning ,protect surface, these application used in refrigeration, foodstuff, printing, weaving, electrics,instrument, medicine, storage. It has good effect on insulation for electricity, and harmful light.



主要技术参数 Main technical specification

机型 Modle	SJP120/21-1500	SJZ80/156-1500
制品宽度 Product width	1220mm	1220mm
制品厚度 Product thickness	0.3-1.5mm	0.3-3mm
挤出机规格 Extruder spefication	SJP120/21	SJZ80/156
主电机功率 Main motor power	90KW	75KW
设计挤出产量 Designed extrusion output	350KG/H	300KG/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、PMMA冰箱板、洁具板生产线

上海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。该生产线深受广大客户的欢迎。

### ABS, HIPS,PMMA refrigerator plate, sanitaryware plate extrusion line

Shanghai JWELL provides the leading plate extrusion lines with large output and low energy consumption, the lines are equipped with concentrated material feeding system and automatic piler, its automatic production function reduce the cost of processing and improve product quality highly. This extrusion line is popular in our customers.

### 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.

### 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.

### 广告板 Advertising board

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。

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

### 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.

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



### 主要技术参数 Main technical specification

机型 Model	JW160/60-2200	JW130/60-2000	JW120/60/45-1900	JW130/70/60-2700
适用原料 Suitable material	ABS、HIPS	ABS、HIPS	ABS、HIPS	ABS、PMMA
挤出机规格 Extruder model	JWS160/38,60/35	JWS130/38、60/35	JWS120/38,60/35,45/35	JWS130/38,70/35,60/35
共挤分层形式 Feed form	A/B,A/B/A	A/B,A/B/A	A/B/C	A/B/C/B/A
制品宽度 Products width	2000mm	1800mm	1700mm	2100-2500mm
制品厚度 Products thickness	1-6mm	1-6mm	1-6mm	2-8mm
最大挤出产量 Designed capacity	1500Kg/h	1200kg/h	550Kg/h	700Kg/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最稳定的生产线。  
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。



主要技术参数 Main technical specification

机型 Model	JW150-2000	JW170-2000	JWS180-2600	SJZ80/156-1500
适用原料 Suitable material	PP、PE、ABS	PP、PE、ABS	PP、PE、ABS	PVC
制品宽度 Products width	1220-1500mm	1200-1500mm	1500-2000mm	1220mm
制品厚度 Products thickness	3-30mm	3-30mm	3-30mm	3-30mm
挤出机规格 Extruder model	150/35	170/35	180/35	JW80/156
设计挤出产量 Designed capacity	500Kg/h	700Kg/h	800kg/h	450 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.





# PE/TPO/EVA/PVC土工膜/防水卷材生产线

## PE/TPO/EVA/PVC Geomembrane/Waterproof Sheet Extrusion Line

超宽幅土工膜/防水卷材生产线，根据防水和土工领域的特殊要求，常州金纬推出了低剪切的高产低耗挤出系统，以及专用辊架和辊筒结构设计，提高了超宽幅土工膜产品的性能和厚度精度。PE土工膜/防水卷材主要用于民用建筑防水：包括种植屋面、平屋面、坡屋面、建筑物地下防水；

以及工业工程防水：包括水库、堤坝、水池防水、隧道、粮库、人防工程、垃圾掩埋场、人工湖防水等。

Extra-width Geomembrane/Waterproof Sheet Extrusion Line

Referring to the special request of waterproof and geomembrane industry, Changzhou JWELL launched a high capacity extrusion line with low shear & energy consumption. The exclusive design of calender frame and roller structure are help-ful to higten the performance of extra-width geomembrane and precision of thickness.

PE Geomembrane/Waterproof Sheet

It is for waterproofing usage in industrial & civil buildings including the green roof, flat roof and the sloping roof. Under-ground waterproof: reservoir、dam、pool. waterproof usage in Tunnel、grain depot、artificial engineering、landfill、Artificial lake.





# PVC半结皮（木塑）发泡板、共挤发泡板生产线

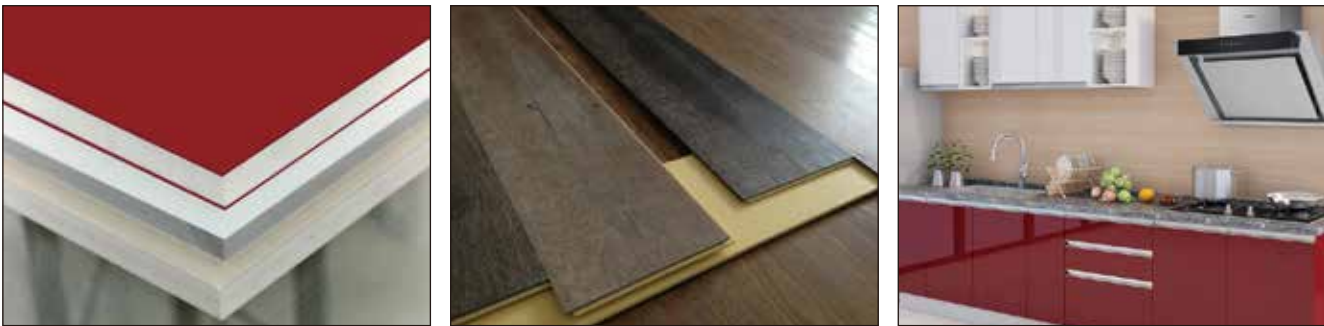
## PVC Semi-Skinning(WPC) Foam Board、Co-Extrusion Foam Board

PVC发泡板又称为雪弗板和安迪板，其化学成分是聚氯乙烯，所以也称为泡沫聚氯乙烯板。

PVC半结皮发泡生产工艺是结合自由发泡工艺和结皮发泡工艺研发的新型工艺，具有设备工装简洁、配方简便、工艺操作难度小等特点。

PVC foam board also named Snow board and Andy board, the chemical component is polyvinyl chloride, also can be named foam polyvinyl chloride board.

PVC Semi-Skinning foam manufacturing technique is combine free foam technique and semi-skinning foam to develop new technology, this equipment have advanced structure、simple formulation、easy operation etc. features.



### PVC半结皮发泡板的特点 The feature of PVC Semi-Skinning foam board

- 1、防水、阻燃、耐酸碱、防蛀、质轻、保温、隔音、减震的特性  
Waterproof、anti-flame、anti-acid& alkali、anti-moth、light weight、heat preservation、sound insulation、shock absorption.
- 2、和木材同等加工，且加工性能远远优于木材  
The process same with wood, but manufacturing performance is much better than wood.
- 3、是木材、铝材、复合板材的理想替代品  
Ideal substitute for wood、aluminum、composite board.



主要技术参数 Main technical parameters

机型	半结皮发泡			共挤发泡
Model	Semi-skinning foaming board extrusion line			Core foaming board extrusion line
制品宽度 Production width	1220mm	1560mm	2050mm	1220mm
制品厚度 Production thickness	3-40mm	8-18mm	8-15mm	3-40mm
挤出机规格 Extruder model	SJZ80/156	SJZ92/188	SJZ92/188	SJZ80/156+SJZ65/132
最大挤出产量 Capacity (Max.)	400kg/h	550kg/h	550kg/h	500kg/h
主电机功率 Main motor power	75kw	132kw	132kw	75kw+37kw

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.



# PEEK/PPS/PPSU冷推棒材板材生产线

## PEEK/PPS/PPSU Cold Push Bar and Sheet Production Line

PEEK中文名称为聚醚醚酮。Peek是部分结晶体，融化温度为334℃。材料耐抗有机和水环境，这种材料还具有优良的耐化学性，热稳定性和抗氧化性能，同时具有良好的机械强度，抗蠕变和电学性能。它可以承受高能辐射，阻燃性能好。Peek的长期工作温度范围从-100℃到+250℃。主要运用在航天、医疗、制药和食品加工业得到了非常普遍的应用，如卫星上的气体分析仪结构件、热交换器刮片；因其优越的耐摩擦性能，在摩擦应用领域成为理想材料，如辊筒轴承、滑动轴承、阀门座、密封圈、泵耐磨环等。

The Chinese name for PEEK is called polyether ether ketone.Peek is part of the crystals, melting temperature is 334 ℃.The material is resistant to organic and water environment, and the material has excellent chemical resistance, thermal stability and oxidation resistance, as well as good mechanical strength, resistance to creep and electrical properties.It can withstand high energy radiation, good flame retardant performance.Peek in the long-term working temperature range from 100 ℃ to + 250 ℃.It has been widely used in aerospace, medical, pharmaceutical and food processing industries, such as gas analyzer structural parts and heat exchangers on satellites.Due to its excellent friction resistance, it has become an ideal material in the field of friction application, such as roller bearing, sliding bearing, valve seat, sealing ring, pump wear ring, etc.

PPS塑料(聚苯硫醚)是一种综合性能优异的热塑性特种工程塑料，其突出的特点是耐高温、耐腐蚀和优越的机械性能。PPS的主要用途还是在电子电器领域，如制作变压器骨架，高频线圈骨架、插头、插座、接线架、接触器转鼓鼓片及各种精密零件等。

PPS plastic (polyphenylene sulfide) is a kind of thermoplastic special engineering plastic with excellent comprehensive performance. Its outstanding features are high temperature resistance, corrosion resistance and superior mechanical properties. The main use of PPS is in the field of electronic appliances, such as making transformer skeletons, high-frequency coil bobbins, plugs, sockets, wiring frames, contactor drum drums and various precision parts.



### 主要技术参数 Main technical specification

机型 Model	SJZ45/25
适用原料 Suitable material	PEEK/PPS/POM
主机转速 Main engine rate of revolution	10-49r/min
主电机功率 Main motor power	11KW
最大挤出量 Capacity (Max.)	20KG/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.





# PVC地板革/装饰片材/仿大理石板挤出生产线

## PVC Floor Leather/Decoration Sheet/Lamitation Marble Board Extrusion Line

PVC地板革具有耐磨、耐腐、防滑、防渗、阻燃的性能，广泛用于机车、宾馆、酒店、娱乐厅、展馆、家庭。可以根据客户的要求，配置不同的设备组件，用于生产单层、多层复合产品；也可增加放卷装置，生产内增强产品或表面复合无纺布、PVC装饰膜等的产品。

PVC Floor leather has the performance of anti-friction,corrosion resistance, skidproof, impermeable and inflaming retarding, and is widely used on auto, hotel, amusement place, exhibition hall,house,etc.

The structure of this production line is simple, and convenient to operation .According to customers' requirement ,equipped with different components,used for producing single layer,multi-layer composite production and also can be equipped with unreeling unit,used for producing inner strengthen production or surface compound non-woven fabrics and PVC decoration film, etc.

**PVC装饰片材特点：**一般可以分为两大类，透明和非透明材料，是室内外广告的载体。可以用单台或多台挤出机进行单层或多层共挤出成型。

**Character of PVC decoration sheet:** decoration sheet can be divided into two kinds: transparent and non-transparent material.Single layer or multi layer sheet could be produced.

**UV仿大理石板**

板材表面覆仿大理石纹薄膜，或者热转印仿大理石纹并UV固化处理，良好的抗划伤性，耐刮擦性；板材花色、品种多样，施工方便；

在室内墙体装潢中替代大理石等天然石材，良好的耐老性、抗紫外线、耐黄变，绿色环保、无辐射。

**UV Imitation Marble Bboard**

Board surface coat imitation marble film, or laminate imitation marble and through curing treatment, good anti scratch, anti scratch resistance;Board with variety of color, it' s convenient to construct;Instead of marble etc. natural stone in the interior.



主要技术参数 Main technical specification

型号 Type	双层 Double layers	三层 Three layers
制品宽度 Products width	1500-2000mm	2000-3000mm
挤出机规格 Extruder specification	SJZ65/132 – SJZ80/156	SJZ65/132 – SJZ80/156 – SJZ65/132
最大挤出量 Max output capacity	500-550kg/h	600-750kg/h
主电机功率 Main motor power	37kw/55kw	37kw/55kw/37kw

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.





# TPO+PP发泡复合片材生产线

## TPO+PP Foam Composite Sheet Production Line

金纬机械研制开发的TPO+PP发泡基材复合生产线，采用特殊结构的TPO螺杆，塑化均匀，结合独特的复合工艺，复合的产品粘合强度高，无拉伸变形，无甲醛，是金纬公司针对汽车内饰材料领域推出的又一个国内领先的复合生产线，此复合材料具有操作灵活，复合效率高，对TPO表层纹路一次处理完成等优点，与基材一次热压成型复合的制品，完全颠覆了以往的复合方式，制品被广泛应用于高档汽车的内饰件，顶棚，管路等等。

It is successfully developed by Jwell Machinery,adopts special structure of TPO screw,plasticizing evenly,unique composite processing method,composite products have high bonding strength, No tensile deformation ,formaldehyde-free, it is Jwell’ s company according to car interior materials’ s field recommends another domestic advanced composite sheet production line, this composite material has flexible operation,high efficiency of compositing, with the advantage to complete the treatment of the TPO surface layer’ s lines once time, with the basic material to hot pressing and compositing together once time,it is total different from past composite method,this product is widely applied in high class inner decoration、ceiling 、 pipe of the car , and so on.



主要技术参数 Main technical specification

机型 Model	JW100/33	JW120/33
复合厚度 Products thickness	0.5mm	0.5mm
制品宽度 Products width	1000mm	1500mm
最大挤出量 Max output capacity	120KG/h	220KG/h
主机功率 Main motor power	55KW	132KW

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.



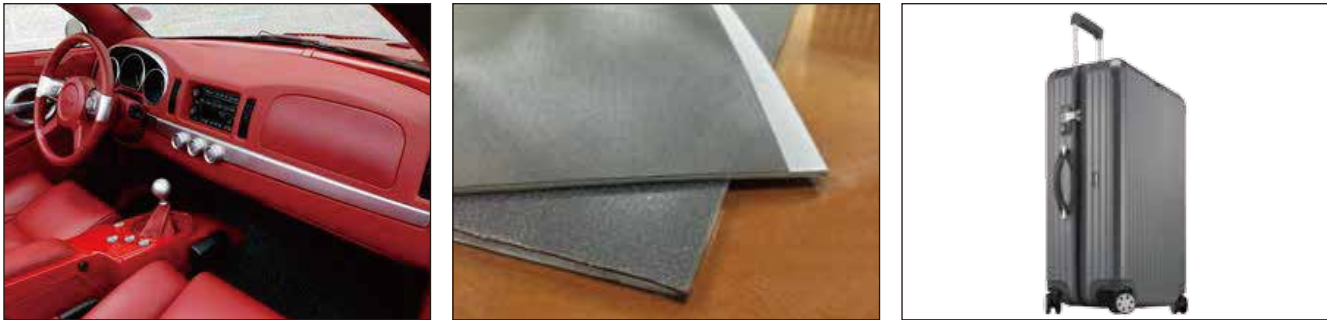


# TPU/ABS模内复合板材生产线

## TPU/ABS Laminate Sheet Extrusion Line

TPU/ABS复合板材是一种用于汽车仪表板、内饰的环保新材料，采用模内复合工艺，区别于传统胶粘的TPU/ABS复合方式，制品不散发甲醛无异味，不会造成车内二次污染。厚度在1-8mm，宽度在1200-2000mm之间。

TPU/ABS composit plate is one new kind of enviroment friendly material used for car gauge panel and inner decora-tion. It adopts multi manifold procee to make TPU coat on ABS instead of glue coating so that the finished product does not release formaldehyde or creat inner air pollution. Plate thickness from 1mm to 8mm, width from 1200mm to 2000mm.



主要技术参数 Main technical parameter

型号 Model	JW130/38+JW90/38-2400	JW120/38+JW80/38-1800
制品宽度 Products Width	2400mm	1800mm
制品厚度 Products Thickness	1.5-10mm	1.5-10mm
挤出机规格 Extruder Specification	Ø130/38; Ø90/38	Ø120/38; Ø80/38
最大挤出产量 Capacity (Max.)	700-800Kg/h	500-600Kg/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聚丙烯石粉环保片材生产线

PP and Calcium Powder Environmental Protection Sheet Extrusion Line

PP+ 石粉环保片材生产线

金纬机械研制开发的PP+石粉环保片材生产线，采用三台挤出机三层或四层共挤法，选用金纬新设计的PP+石粉专用排气式螺杆结构，PLC电脑控制和自动测厚仪跟踪检测，从而有效利用石粉比例，在降低片材原料成本的基础上，又确保片材的综合物理性能和后续可加工性能，使生产线产能指数达到良好状态，是目前国内先进的片材机组之一。

PP+CaCo3 environmentally-friendly sheet extrusion line

It developed by Jwell company uses the three extruders for 3 or 4 layers co-extrusion. This line adopts the Jwell latest designed PP+CaCo3 vented screw and the PLC computer controlling deviceand automatically thickness detection device so that the machine can maximize the percentage of the CaCo3 in the sheetproduction to reduce the cost of the sheet and the sheet produced can gain the good physical properties and further processing abilities. It is the most advanced sheet machine in China.

主要技术参数 Main technical specification

机型 Model	JW-120/100/45-1500
分层形式 Layer structure	A/B/C/A
制品宽度 Products width	1320mm
制品厚度 Products thickness	0.3-1mm
最大挤出产量 Designed capacity	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.



PP木粉/竹粉/麻纤维板材生产线

PP and Wood Powder、Bamboo Powder and Fiber Composite Sheet Extrusion Line

PP+ 木粉板材/PP+ 麻纤维板材生产线

PP+ 木粉、PP+ 麻纤维复合片材生产线，采用锥形双螺杆挤出机挤出，配以特殊工艺手段，是金纬推出的又一个国内领先的生产线机组。此复合片材具有深成型、深拉伸，与各种面料一次热压成型复合的制品，边角余料可回收利用等特点，被广泛应用于高档汽车内饰件、顶棚、后搁物板、行李箱基材及宾馆、餐厅、娱乐场所的装潢。

PP+ fiber sheet/PP+ wood powder sheet extrusion line

This production line adopts conical twin-screw extruder, with specially processing method, which is another most advanced technology in China. This product features of well-shaped, easily processed, recycling and reuse of the off cutting once-complexion with other material of sheet by hot pressing. It can be widely applied in the decoration of automobile ornaments, ceiling, booth, suitcase, hotel, restaurant, entertainment area and etc.

主要技术参数 Main technical specification

机型 Model	SJZ92/188	SJP140/25
制品厚度 Products thickness	1-6mm	2-8mm
制品宽度 Products width	1200-1600mm	1500-2000mm
最大挤出量 Max output capacity	350-450kg/h	500-600kg/h
主电机功率 Main motor power	110kw	160kw

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、PP、PE中空格子板生产线

## PC, PP, PE Plastic Hollow Cross Section Plate Extrusion Line

### PC阳光板

主要应用于办公楼、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等。

### PC hollow sheets

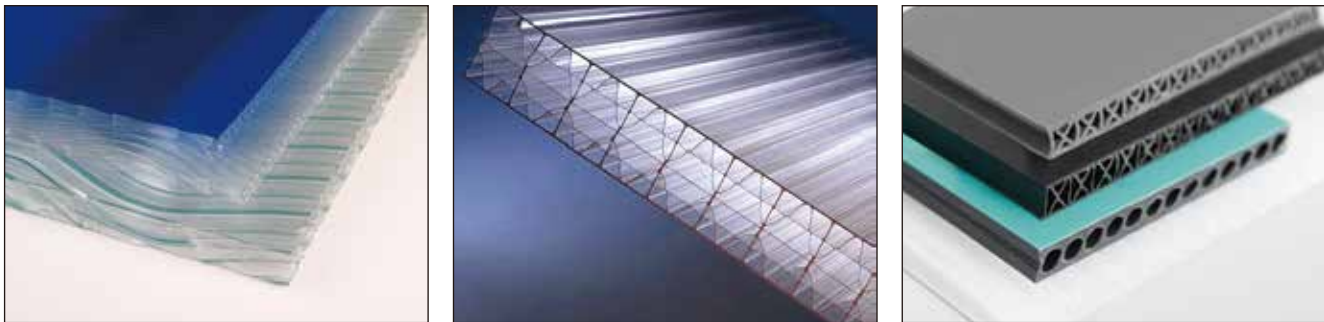
are mainly used in the skylight of office building,lobby,marketplace,stadium and public utility etc, and rainshed of station,park,pavilion,lounge and corridor, including the noise barrier of highway and overhead road in city.

**PP、PE格子板**主要应用于电子、家电、箱包、机械、邮政、食品、医药、农药以及广告装潢等领域用作缓冲保护的包装箱等。

**PP PE hollow sheets** are used for producing containers and packaging cases for cushioning protection in the industry of electron, household appliance, bags and suitcases,machinery, postal service,food, medicine, pesticides, advertisement and decoration etc.

**PP中空建筑模板**是一种新型环保的塑料建材，可反复回收利用，主要用于替代钢模板和竹木胶板。

**PP hollow building template** is one kind of new environmental protection plastic building materials. It can be repeated recycled, and mainly used for replacing the application of steel templates and bamboo & wooden templates.



### 主要技术参数 Main technical specification

机型 Model	JW120/38、JW45/30	JW100/38、JW45/30	JW120/30	JW100/33
适用原料 Suitable material	PC	PC	PP、PE	PP、PE
制品宽度 Products width	2100mm	1300mm	2100mm	1300mm
制品厚度 Products thickness	2-40mm	2-10mm	2-8mm	1.5-8mm
主电机功率 Main motor power	185kw/22kw	132kw/22kw	132kw	110kw
最大挤出产量 Designed capacity	450kg/h	300kg/h	350kg/h	200kg/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.



PE加碳黑铜塑复合生产线

PE Carbon Black Copper-plastic Composite Pproduction Line

复合型导电高分子是在本身不具备导电性的高分子材料中掺混入大量导电物质，如炭黑、金属粉、箔等，通过分散，表面铜皮复合等方法构成的复合材料。

Composite conductive polymer is a composite material made by mixing a large number of conductive materials, such as carbon black, metal powder, foil, etc., into the polymer material which is not conductive itself,and the surface lami-nated with copper sheet.

与传统导电材料相比较,复合型导电高分子材料具有许多独特的性能。

Compared with traditional conductive materials, composite conductive polymer has many unique properties.

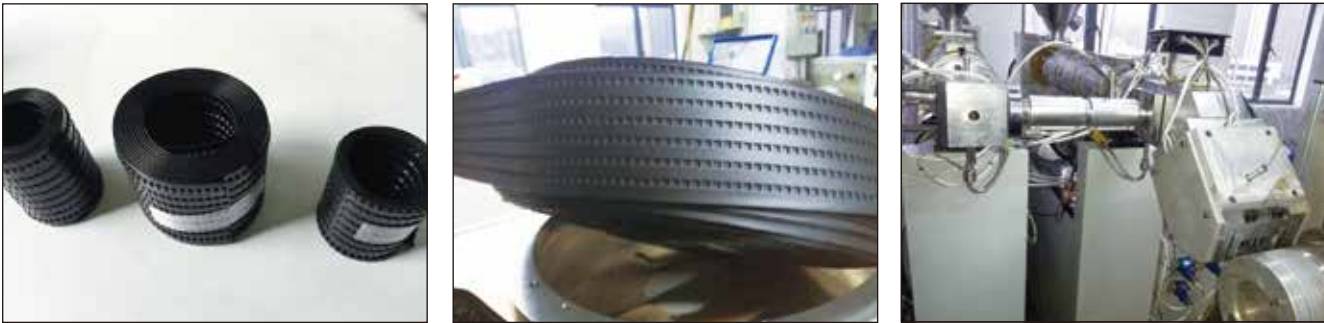


PS\PC电子载带挤出机

PS\PC Electronic Narrow Band Extruder

PS\PC电子载带属于包装类产品，主要用于IC、电阻、电感、电容、连接器、保险丝、开关等电子元器件的包装。这种产品目前都是PS与PC进行三层复合挤出成型。

PS\PC narrow band is a kind of packaging products, mainly for the IC, resistance, inductance, capacitance, connec-tors, fuses, switches and other electronic components of the packaging. This product is currently PS and PC for three layers of composite extrusion.



PS\PC双机共挤技术参数

挤出机型号	螺杆直径	长径比	电机功率	螺杆转速	挤出量	设备中心高
Model	mm	L/D	KW	rpm	kg/h	mm
JWS45	45	28:1	11	10-75	10-15	1000
JWS35	35	28:1	7.5	10-75	8-12	1000

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.





挤出机械物联网+智能制造解决方案

工业4.0时代的互联-CPS（信息物理系统cyber physical systems），不是简单的对互联网、物联网、传感网的替代，它是信息世界和物理世界的深度融合。

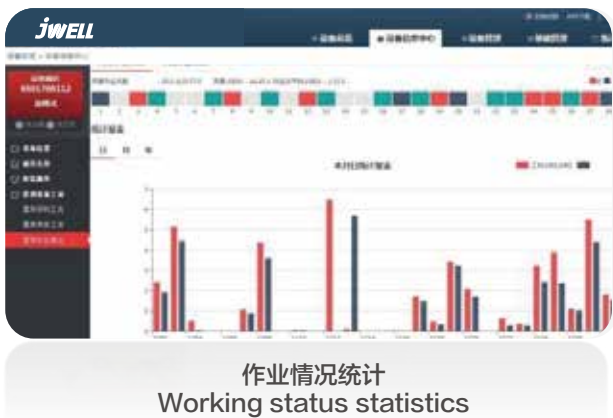
未来挤出装备不再是一个孤立的自动化、信息化孤岛，未来的挤出机工厂会通过云平台与整个供需体系形成灵活智能的产品制造网络。工业4.0背景下的智能注塑发展趋势，多品种小批量快周期的定制化生产；多种生产技术和工艺的高度集成化；少人或无人状态下的自主生产过程；从原料到成品整个过程的信息化管理……

The interconnected in the industrial 4.0--CPS (cyber physical systems) is not a simple alternative to the Internet, the Internet of things, and the sensing network. It is a deep integration of the information and the physical.

The future extrusion equipment is no longer an isolated automation and information island. The future extruder factory will form a flexible and intelligent product manufacturing network through the cloud platform and the whole supply and demand system. In the industrial 4.0 background, the development trend of intelligent extrusion, customized production of multi variety and small batch fast cycle; High integration of various production techniques and processes; autonomous production process under less people or unmanned state; information management from the whole process of raw material to finished product...

- 在朝着工业4.0发展的过程中，我们的设备更智能化了！金纬机械智能化生产线:
- 1.可以监测主机电流。
  - 2.可以监测主机温度。
  - 3.可以监测主机电能。
  - 4.可以监测主机每吨物料能耗（目前仅支持有米重控制的设备）。
  - 5.可以在手机上查看数据信息。
  - 6.可以记录并统计设备故障，部件更换等信息。
  - 7.可以连接MES系统。
  - 8.可以远程调试程序。

- In the process of industrial 4.0, our equipment is more intelligent! Intelligent production line of Jwell:
- 1. can monitor the current of the extruder.
  - 2. can monitor the temperature of the extruder.
  - 3. can monitor the power of the extruder.
  - 4., the energy consumption per ton of material can be monitored. (At present, only equipment with rice weight control is supported)
  - 5. you can view the data on the phone.
  - 6. records and statistics of equipment failure, parts replacement and other information can be recorded and counted.
  - 7. can connect the MES system.
  - 8. the program can be debugged remotely.



Plastic Machinery Fully Integrated Automation + Internet Of Things Control System Solutions

基于MES系统平台，实现车间生产管理的信息沟通平台，并向智能化方向发展。  
Based on the MES system platform, the information communication platform of workshop production management is realized and move toward the intelligent direction

① 研发生产融合  
R&d and production integration

打通产品研发与生产的通路，实现研发与生产的信息、工艺、标准、指标值的深度融合  
Work out the development and production of products, realize deep integration of development and production information, technology, standards and index

② 虚拟制造  
Virtual manufacture

充分利用虚拟生产与验证平台，对车间生产、物流、质量、设备管理等资源充分验证  
Make full use of the virtual production and verification platform to fully verify the workshop production, logistics, quality, equipment management and other resources

③ 智能装备&物联  
Intelligent equipment & thing connection

推行智能化装备，实现多接口、多协议的设备物联，实时获取设备工况信息与参数，预测故障，提升连续性  
Implement intelligent equipment, realize multi-interface and multi-protocol equipment thing connection, obtain the real time information and parameters of the equipment, predict faults and improve continuity

JWELL 智能制造

④ 计划排程  
Planning schedule

料根据销售预测与订单诉求，平衡车间产能，合理安排生产，减少瓶颈问题，提高整体生产效率  
According to sales forecast and order demands, balance workshop production capacity, arrange production properly, reduce bottleneck problems and improve overall production efficiency

⑤ 智能物流  
Intelligent logistics

物流软硬件综合应用的智能物流提醒，减少物流瓶颈，提高物流配送精准率，减少停工待料  
Logistics software and hardware integrated application of intelligent logistics to remind, reduce logistics bottleneck, improve logistics delivery precision rate, reduce shutdown stop

⑥ 质量管控  
Quality control

基于仪器物联，获取质量数据，精准预测质量趋势，有效控制质量缺陷，提升产品质量水平  
Based on instrumentation, obtain quality data, accurately predict quality trends, control quality defects effectively, and improve product quality class.

⑦ 制造过程  
Manufacturing process

利用技术手段，实现制造过程透明化，敏捷响应制造中的各类异常，保证生产有序执行。  
Make use of technical means to realize the transparency of manufacturing process, and quick respond to all kinds of abnormal in the manufacturing process to ensure the orderly execution of production

⑧ EHS合规  
EHS compliance

按照行业标准，构建EHS车间环境参数监测，为产品制造提供适宜的基础环境  
According to the industry standard, build EHS workshop environment parameter monitoring, and provide the suitable base environment for product manufacturing

⑨ 协同与决策  
Synergy and decision making

解决信息不对称，减少沟通成本，支撑协同制造，基于数据的生产决策，决策过程直观、合理  
Solve information asymmetry, reduce communication cost, support collaborative manufacturing, make decision based on data, make the decision process intuitive and reasonable