

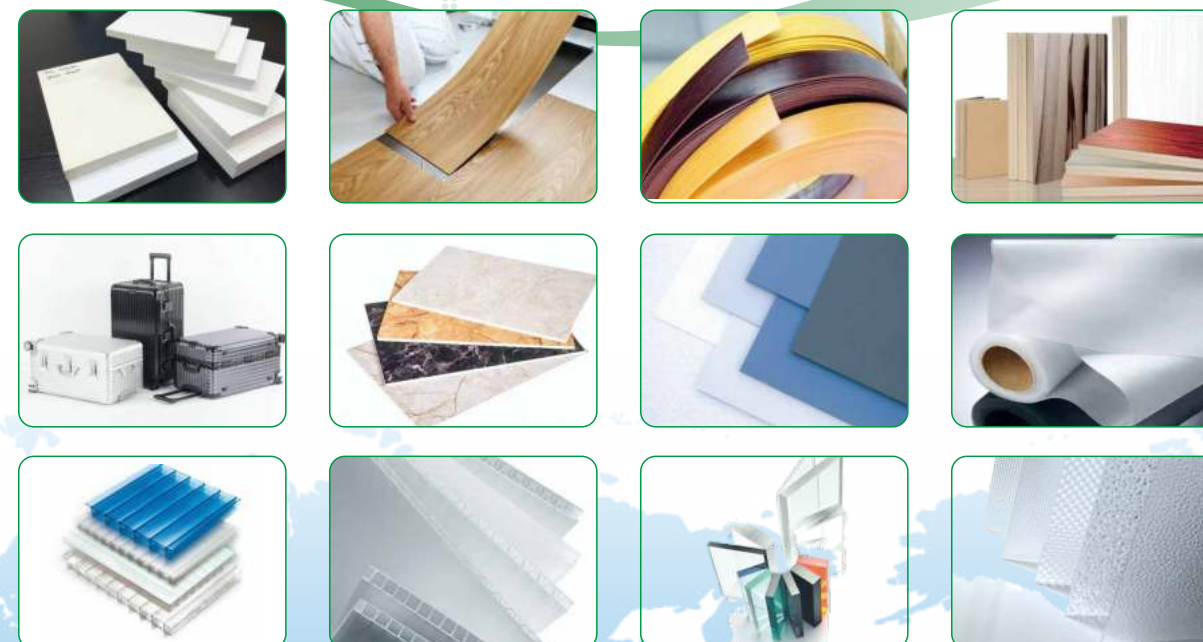
## FANLYPLAS MACHINERY



Plastic Sheet Film Profile Extrusion Lines

B e G r e e n B y E x t r u s i o n

## Sheet & Film Product



## Profile Product



**Quality first and service never end!**



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在竞争日益加剧并且白热化的今天，我们更加坚信唯有不断的变革和永恒的定力方能立于竞争的不败之颠。持之以恒的变革需要我们的塑机设备立足于以客户生产高效性，操作便捷性，能耗降低性来设计研发并不断地厂内调试，客户测试，后期给予反馈并持续改进。

永恒的定力需要我们给与客户提供持之以恒的售前支持，售中设备质量检测，售后服务以及不断的和客户一起改进设备去面对日益变化的市场需求。

我们深知，这些都离不开巨塑的整个团队的凝聚力。一朵孤芳自赏的花只是美丽的，一片互相偎依着而怒放的锦绣才会灿烂夺目。同欲者胜民齐者强，让我们投身到为塑机行业而奋斗的汪洋之中，携手并肩同舟共济，在凝聚和奉献中闪耀团结之光，彰显力量之美。让巨塑团队一起去迎接日益智能化的工业4.0+并为塑机行业贡献我们的绵薄之力。

In today's increasingly intensified and fierce competition, we Fanlyplas&Granplas firmly believe that only continuous change and eternal determination can be conducive to the invincibility of competition. Persevering changes require our plastic machine equipment to be designed and developed based on the customer's production efficiency, operation convenience, and energy consumption reduction, and continuous on-site debugging, customer testing, feedback and continuous improvement in the coming stage.

Eternal determination requires us to provide customers with persistent pre-sale support, in-sale equipment quality testing, after-sales service and continuous improvement of equipment with customers to meet the ever-changing market demand.

We know that none of these would be possible without the cohesion of our entire team. A self-admiring flower is only beautiful, and a splendor that clings to each other and blooms will be dazzling. Those with the same desire win the people and those who are equal are strong. Let us plunge into the ocean of struggle for the plastic machine industry, join hands in the same boat, shine the light of unity in cohesion and dedication, and demonstrate the beauty of strength. Let our team meet the increasingly intelligent Industry 4.0+ and contribute our humble efforts to the plastic machine industry.





浙江巨塑精密装备有限公司（原大塑机械）创建于2005年，公司坐落于浙江省海宁市尖山新区洋山路17号，是一家集各类塑料挤出板、片、膜、型材生产设备研发、设计、生产、制造的综合性科技型企业。

公司自成立以来，始终坚持“做高、精、尖设备，专做塑料挤出板（片）材生产设备”的宗旨。完善的管理体系、强大的研发、设计、制造能力，加上“快捷、高效”的售后服务，使公司成为国内塑料挤出设备领域极具影响力的企业之一。

公司拥有多项国家发明专利和实用新型专利，拥有多项省级新产品项目。许多关键技术已处于国内领先水平。

公司的多名资深专家、工程师将随时为您服务，为您设计技术方案，解决技术难题；随时和您一起开发、试制各类塑料板（片）材产品。

公司的主要产品有：聚碳酸酯(PC)多层共挤箱包板生产线;PC/PMMA/PET/PETG高光泽挤出板（片）材生产线;多层共挤聚丙烯(pp)/改性聚丙烯箱包板生产线;ABS及PC/ABS合金多层共挤箱包板生产线;PMMA/PP/PE/ABS超厚度挤出板生产线; PMMA/PP/PE/ABS/PS/HIPS等塑料挤出板（片）材生产线;热塑性弹性体挤出片材生产线 ;PC阳光板/结构板生产线;PC/PP/PE中空格子板生产线;PVC/WPC/UPB发泡板挤出生产线；PVC硬质透明/不透明片板材生产线；PVC封边条生产线；WPC木塑型材生产线；PC/PE塑料型材挤出生产线；造粒生产线和周边辅助配套设备等等。

Zhejiang Granplas Precision Machinery Co., Ltd (Formerly Dasu Machinery) was founded in 2005. In the year of 2015, we started our international business department under the brand of Fanlyplas. As a comprehensive R&T enterprises, we can undertake research, developing, designing, and manufacturing all kinds of plastic extrusion board, sheet, foil, profile extrusion equipment. Our factory is located in Jianshan New District, Haining City, Zhejiang Province, China, near to both Shanghai PUDONG Airport and Hangzhou Airport.

Since its establishment, we always adhere to the motto of "To make high quality, high precision, advanced equipment and the most professional plastic sheet extrusion production equipment". The insistence makes our company become one of the most influential companies of plastic extrusion equipment in China with our perfect management system, strong capacity of R&D, designing, manufacturing and quick, efficient after-sales service.

Our company has a number of national invention patents, the utility model patents and new product projects with provincial level. Meanwhile, many key technologies are already in the domestic leading level.

Our several senior specialists and engineers are always at your service, for your design technology solutions and solve technical problems at any time. Warmly welcome you to participate in developing and manufacturing of all kinds of plastic board and sheet products with us.

Our company's main products are:

PC multi-layers co-extrusion luggage sheet production line  
PC、PMMA、PET、PETG high gloss extrusion board (sheet) production line  
Multi-layers co-extrusion PP /M-PP luggage sheet production line  
ABS&PC/ ABS alloy multi-layers co-extrusion luggage sheet production line  
PMMA、PP、PE、ABS ultra-thickness extrusion board production line  
PMMA、PP、PE、ABS、PS、HIPS mono-layer/ multi-layer board (sheet) production line  
TPE (Thermo Plastic Elastomer) extrusion sheet production line  
PC sun board/structural board production line  
PP structural board production line  
PVC/WPC/UPB foam board production line  
SPC/LVT/WPC flooring production line  
PVC transparent/opaque sheet production line  
PVC edge banding production line  
PVC、WPC、PC、PE profile extrusion production line  
Granulation line and auxiliary equipment and so on.  
Quality first and Service never ends.

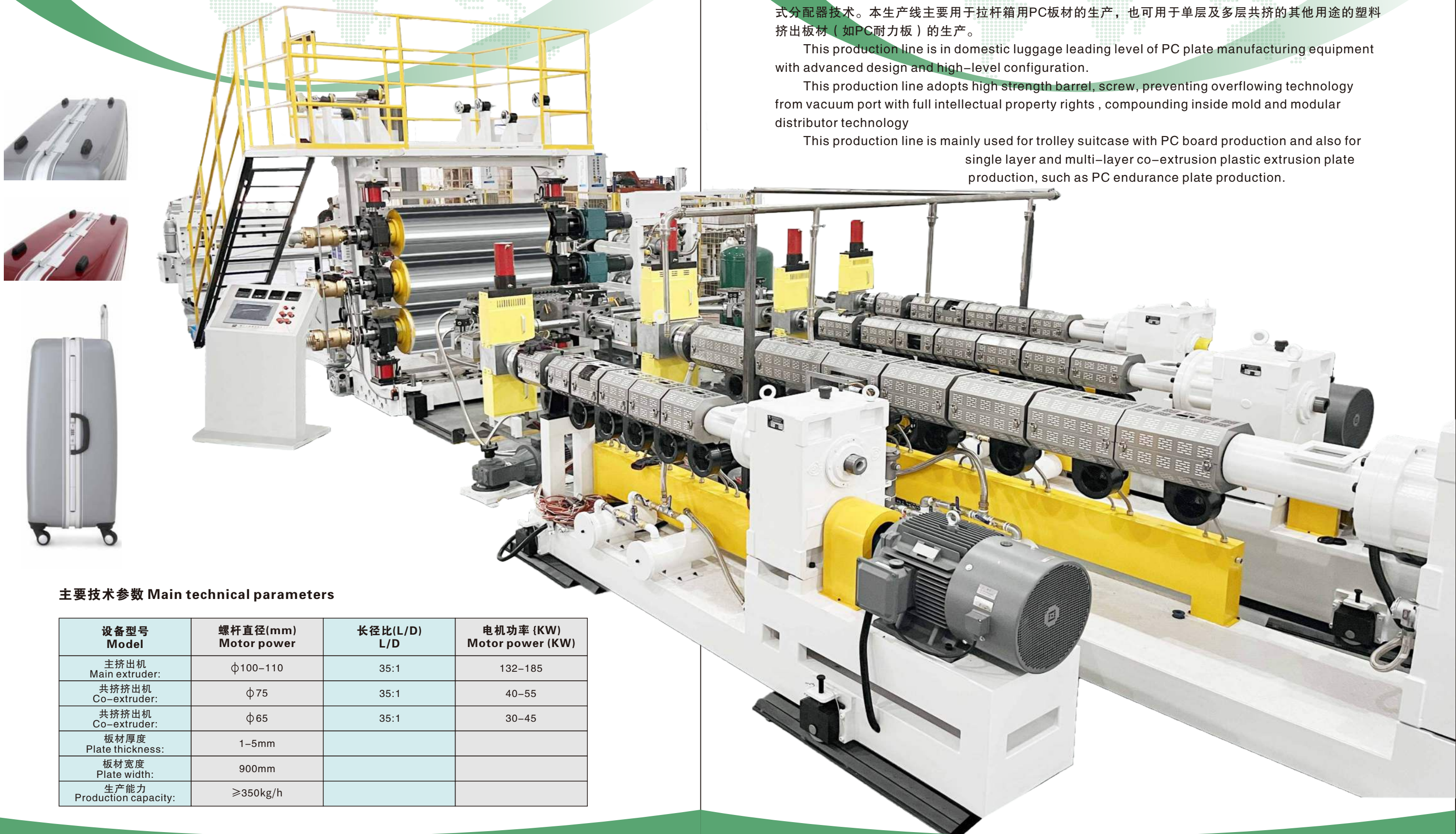
**Granplas and Fanlyplas welcome your visiting and cooperation.**

DARES TO CHALLENGE

我们 挑战 极限 挑战 自我 挑战 未来  
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聚碳酸酯(PC)多层共挤箱包板生产线  
PC Multi-layers Co-extrusion Luggage Sheet Extrusion Line



聚碳酸酯(PC)多层共挤箱包板生产线  
PC Multi-layers Co-extrusion Luggage Sheet Extrusion Line



本生产线设计先进、高端配置，处于国内箱包行业PC板制造设备的领先水平。  
本生产线采用高强度机筒、螺杆及具有完全知识产权的防真空口冒料技术，采用模内复合或模块式分配器技术。本生产线主要用于拉杆箱用PC板材的生产，也可用于单层及多层共挤的其他用途的塑料挤出板材（如PC耐力板）的生产。  
This production line is in domestic luggage leading level of PC plate manufacturing equipment with advanced design and high-level configuration.  
This production line adopts high strength barrel, screw, preventing overflowing technology from vacuum port with full intellectual property rights ,compounding inside mold and modular distributor technology  
This production line is mainly used for trolley suitcase with PC board production and also for single layer and multi-layer co-extrusion plastic extrusion plate production, such as PC endurance plate production.

主要技术参数 Main technical parameters

设备型号 Model	螺杆直径(mm) Motor power	长径比(L/D) L/D	电机功率 (KW) Motor power (KW)
主挤出机 Main extruder:	φ100-110	35:1	132-185
共挤出机 Co-extruder:	φ75	35:1	40-55
共挤出机 Co-extruder:	φ65	35:1	30-45
板材厚度 Plate thickness:	1-5mm		
板材宽度 Plate width:	900mm		
生产能力 Production capacity:	≥350kg/h		



# 主要技术参数 Main technical parameters

设备型号 Model	挤出机规格及参数 Specification&parameters of extruder:
挤出机1 Extruder 1:	Φ 120x35 132KW
挤出机2 Extruder 2:	Φ 90 x 35 75KW
挤出机3 Extruder 3:	Φ 65 x 35 37/45KW
板材规格 Plate specification:	厚度: 0.8-5mm宽度: 900mm或另选 (可随时在线调整) Thickness: 0.8-5mm Width: 900mm or optional width (can be adjusted on line at any time)
生产能力 Production capacity:	≥400kg/h



本生产线设计独特 (已申报国家发明专利)、专业特点明显, 加上先进、成熟的加工工艺和配方技术 (亦已申报国家发明专利), 确保生产的复合改性聚丙烯板材符合拉杆箱的吸塑成型要求和质量、性能要求, 使拉杆和真正做到轻量化和低成本。

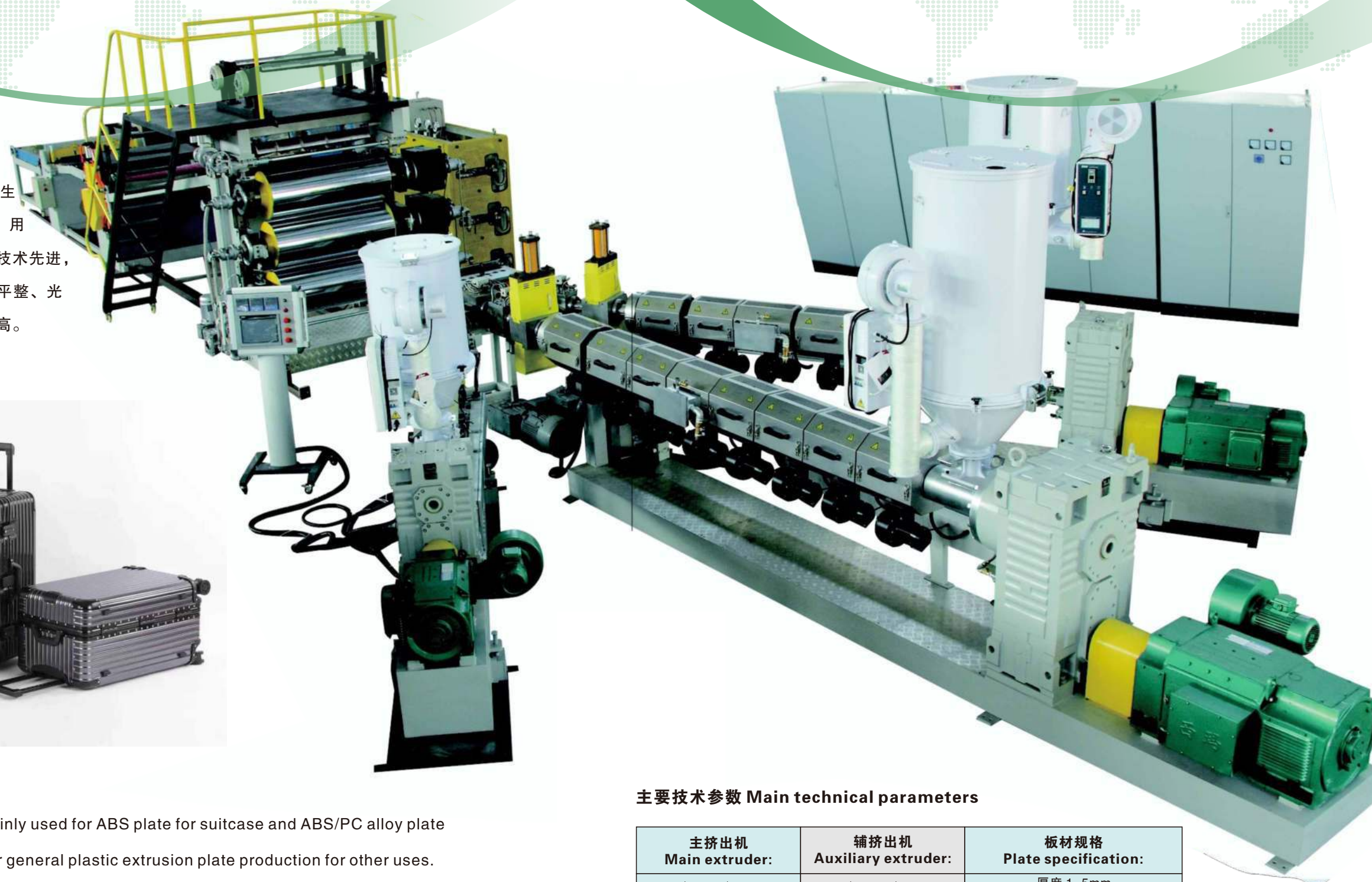
The design of this production line is unique (has been declared national invention patent), professional characteristics, combined with advanced and mature processing technology and formula technology (also have been declared national invention patent). It can ensure the composite modified PP sheet to meet the requirements and quality of plastic-absorbing forming and performance requirements of trolley suitcase with light weight and low cost.



本生产线主要用于箱包用ABS板或ABS/PC合金板材的生产，同时亦可生产其他用途的通用塑料挤出板材生产。用于生产线设计科学、配置合理、工艺技术先进，确保生产的板材具有厚薄均匀、板面平整、光亮、内在性能优异、吸塑成型成品率高。



This production line is mainly used for ABS plate for suitcase and ABS/PC alloy plate production at the sametime for general plastic extrusion plate production for other uses. It can ensure the producing plate with uniform thickness, smooth surface, brightness, internal performance and high vacuum forming yield since its design scientific ,reasonable configuration and advanced processing technology.



主要技术参数 Main technical parameters

主挤出机 Main extruder:	辅挤出机 Auxiliary extruder:	板材规格 Plate specification:
$\phi 100-\phi 110$	$\phi 65--\phi 75$	厚度 1-5mm Thickness: 1-5mm
L/D 35:1--38:1	L/D 35:1	宽度 900mm或另选 Width: 900mm or optional width
		可随时在线调整 can be adjusted online at any time
生产能力 Production capacity:		350kg/h



## PC/PMMA/PET/PETG高光泽挤出板片材生产线 PC\PMMA\PET\PETG High Gloss Extrusion Sheet Extrusion Line



本生产线高端配置、创新设计，拥有多项国家发明专利和使用新型专利。主要用于生产各类高透明度、高光泽的塑料挤出片（膜）的生产。

高光泽塑料片（膜）主要用于LED灯及家用电器等的导光板、扩散板及各类高档板材的贴膜用材。用于广告板、装饰板及包装用材。

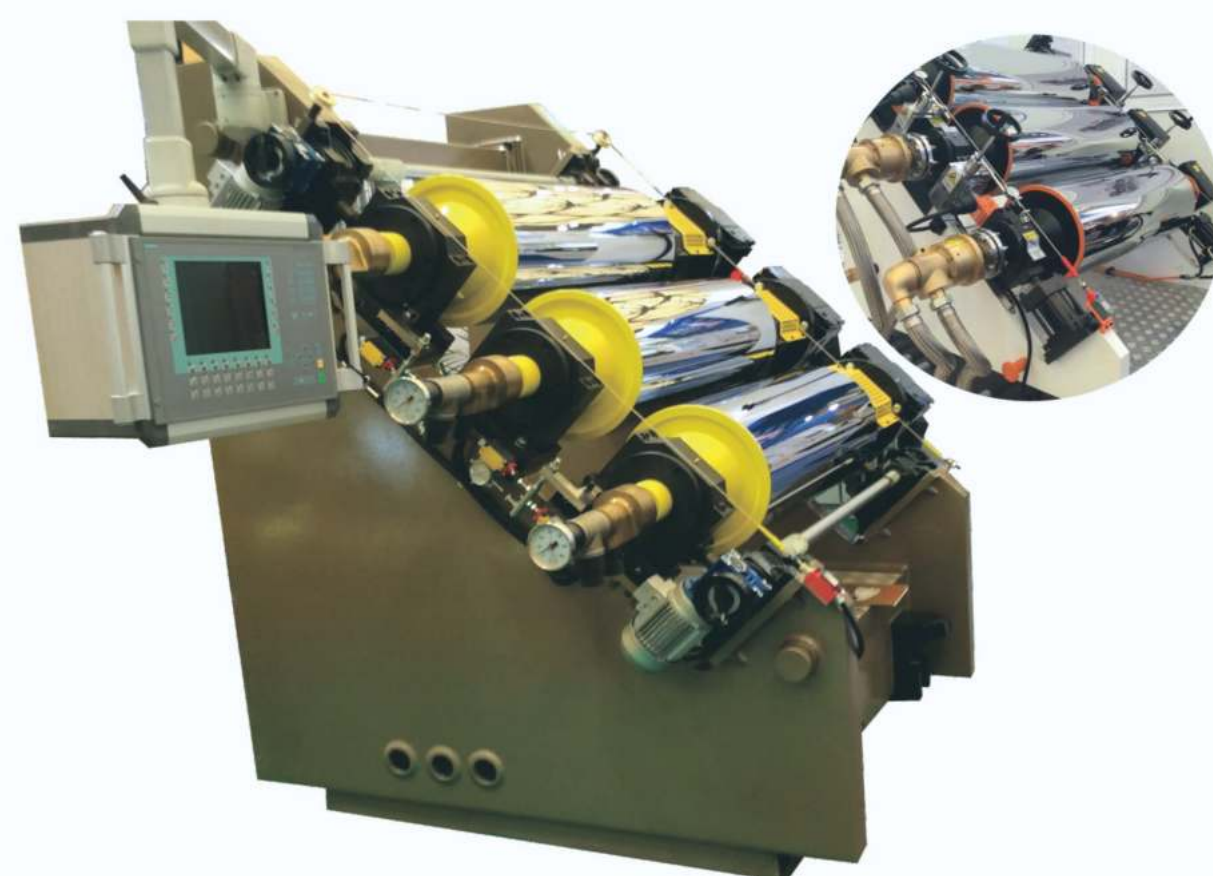
### 主要技术参数 Main technical parameters

设备型号 Model	主电机功率 Main motor power:
φ130x38/φ45x35	220KW/15KW
φ120x38/φ90x35	185KW/110KW
片材厚度 Sheet thickness:	0.17-2mm
片材宽度 Sheet width:	≤1500mm
生产能力 Production capacity:	≥400kg/h

This production line has a number of national invention patents and utility model patents with high-end configuration and the innovation design. It is mainly used for all kinds of plastic extrusion sheet (film) production with high transparency and high gloss.

High gloss plastic sheet (film) is mainly used for film materials of light guide plate, diffusion plate and all kinds of high-grade plate of LED light and household appliances. Meanwhile, it is also used for advertising board, decorative and packaging material.

## PP/PE/ABS/PS/HIPS等塑料挤出板片材生产线 PMMA、PP、PE、ABS、PS、HIPS Plastic Extrusion Sheet Extrusion Line



This production line can be single extruder configuration and also co-extruders configuration as well. This production line has the strong versatility, good stability, easy operation, stable size and uniform of product, especially the precise shearing device to make shearing more precise and more secure.

PP sheet can be used for LED lights, automatic chicken farm belt and all kinds of blister products, etc;

PE plate (can be) widely used in food, pharmaceuticals and others industries;

ABS sheet is used for furniture lamination, luggage plate lamination and automotive interiors decoration, etc

PS/HIPS plate (sheet) is mainly used for household appliance (e.g. refrigerator), decoration and advertising industry and so on;

This production line can produce bathtub board, decorating plate and other plate.

本生产线可单机配置，亦可多机共挤配置。本生产线具有通用性强、稳定性好、操作容易、制品尺寸稳定、均匀等特色。特别是配置的精确剪切装置，使剪切更精准、更安全。PP片材可用于LED灯、自动化养鸡场捡送带、各类吸塑制品等；PE板（片）大量用于食品、医药等行业；ABS片材用于家具贴膜、箱包板贴膜、汽车内饰等；PS、HIPS板（片）主要用于家电（如冰箱）及装饰、广告业等；本生产线还可生产浴缸板、装饰板等其它板材。

### 主要技术参数 Main technical parameters

挤出机主要参数 Extruder:	制品规格 Product specification:
φ65--φ150	厚0.15-5mm Thickness 0.15-5mm
L/D30:1--35:1	宽500-2100mm Width 500-2100mm
	长成卷或任意 Length lapping or random length
生产能力 Production capacity:	100-500kg/h



## Pc阳光板/中空结构板生产线 PC Sun Board /Structural Board Extrusion Line



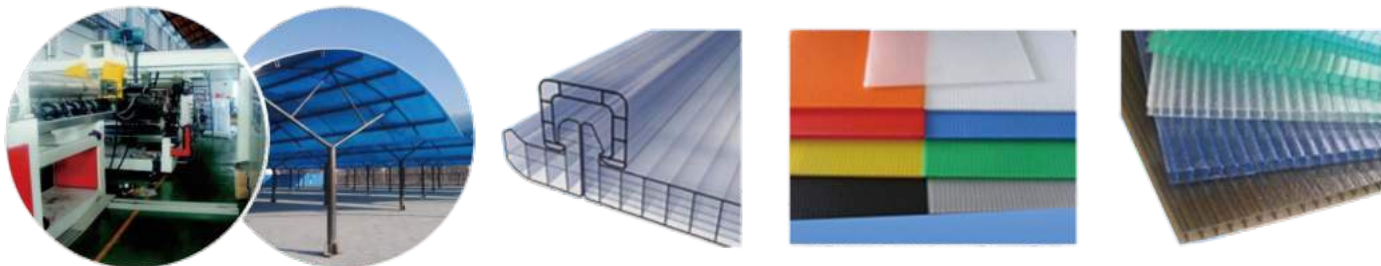
### 主要技术参数 Main technical parameters

主挤出机 Main extruder:	$\phi 120 - \phi 130, L/D 38:1$
主电机 Main motor:	185-225KW
副挤出机 Auxiliary extruder:	(Uv) $\phi 45, L/D 35:1$
产品规格 Product specification:	厚4--30mm; 宽 $\leq 2100$ mm Thickness 4-30mm; Width: $\leq 2100$ mm
生产能力 Production capacity:	$\geq 400$ kg/h

本生产线对现有的生产设备在口模、定型模等作了较大的改进，可明显提高生产效率、降低能耗，并更易操作、稳定性更好。PC阳光板和结构板的一个表面都覆有一层薄而均匀的UV层，可使制品在室外使用十年以上。产品具有透光率高、重量轻、强度高、耐用、安装使用方便、环保等特性，广泛应用于建筑、农业、装饰、交通运输等行业。

This production line has made the greater improvement of mouth mold and stock mold for existing production equipment. It can obviously improve the production efficiency, reducing energy consumption, easier operation and better stability.

The surface of PC sun board and structural board is covered with a thin and uniform UV layer, which can make the products used more than a decade in outside. The product is widely used for construction, agriculture, decoration and transportation industry with high light transmittance, light weight, high strength, durability, easy installation and use, environmental protection and other features.



## PC/PMMA/PS板材生产线 PC/PMMA/PS Sheet Extrusion Line



### 主要技术参数 Main technical parameters

挤出机 Extruder:	$\phi 120 - \phi 130, L/D 35:1$
主电机 Main motor:	132KW-280KW
制品厚度 Product thickness:	2-25mm
制品宽度 Product width:	$\leq 2100$ mm
生产能力 Production capacity:	$\geq 300$ kg/h

PMMA, PC, PS 导光板具有很好的透明度、抗老化、加工性能好、发光效率高。PMMA, GPPS 导光板用于广告牌、工艺品、标牌、也可用于灯箱、LED平板显示灯和海报架灯，电脑、电视等液晶显示组件。

Features of PMMA, PC, PS Light Sheet:

High transparency, anti-aging, good processing performance and high luminous efficiency.

Application of PMMA, GPPS Light Sheet:

Billboards, handicrafts, signs

Light boxes, LED flat panel display lights and poster stand lights

LCD components such as computers and TVs.





## PET热成型片材挤出生产线 PET Thermoforming Sheet Extrusion Line



### Advantages

- ★ Wide IV range of PET Flake
- ★ Direct feeding of 100% crushed flake
- ★ Extrusion of C0-PET and PET-G (Chip and or Flake)
- ★ know how for light fluff feeding
- ★ Flexible feeding ratio of virgin chips and flakes by plural feeders
- ★ Material change, Easy and quick

- ★ line speed: 5-50m/min
- ★ Width of sheet: 800mm-1600mm
- ★ Extrusion capacity: 1200kg/h
- ★ Tolerance: ±5%



## EVA(POE)太阳能电池封装膜挤出生产线 EVA(POE) Solar Cell Encapsulation Film Extrusion Line

### 产品介绍

EVA太阳能电池膜生产线是以EVA（乙烯醋酸乙烯共聚物）为主要原料，采用流延工艺，加热原料，挤出、压延、冷却成型最后收卷的一次成型的生产线。

该产品主要用于太阳能电池组件的封装，层压固化后粘合密封，对电池组件起到高透光率，阻止水汽渗透，耐高低温，抗紫外线等作用，确保电池组件的稳定高效使用，是一种新颖可靠的封装材料。

### 产品特性

#### 1.低温精密挤出技术

挤出到出膜全过程75℃-90℃稳定控制

客户可选择单螺杆精密挤出技术，也可选择积木式同向挤出技术

#### 2.热收缩

率的专业控制 微张力牵引控制系统和收卷系统 在线回火去应力的独家专利设计，热收缩率≤2%

#### 3.生产线速度突破性提高 独家在线热应力消除系统 生产线速度可达15米/分钟

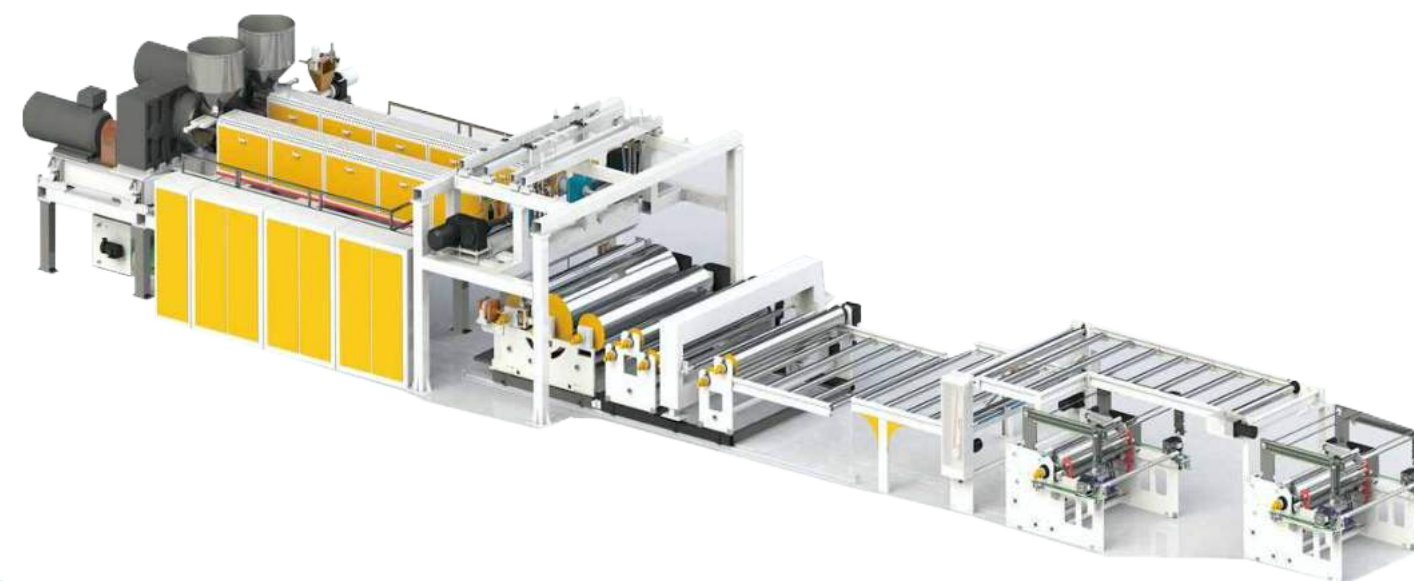
#### 4.宽幅设计，提高产量和效益，可实现产品幅宽达3900mm

### Equipment features:

1. Low temperature precision extrusion technology
2. Professional control of heat shrinkage rate
3. Film width up to 3900mm to increase the output.

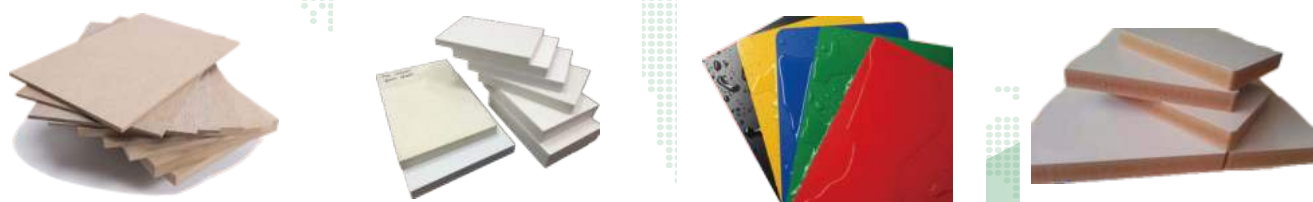
### 主要技术参数 Main technical parameters

型号 Extruder Model	FLD1601	FLD1801	FLD2001	FLD1602	FLD1802	FLD2002
螺杆直径 Screw Diameter	160	180	200	160	180	200
最大产量 Output	450KG/H	550KG/H	650KG/H	900KG/H	1100KG/H	1300KG/H
正常生产速度 Production Speed	6-8m/min	8-12m/min	8-20m/min	8-20m/min	8-20m/min	8-20m/min
成品收缩率 Low Shrinkage	≤2%	≤2%	≤2%	≤2%	≤2%	≤2%





## UPB/PVC/WPC发泡板生产线 UPB/PVC/WPC Foam Board Extrusion Line



PVC发泡板在家具、广告装饰、建筑等诸多领域正在成为木材的替代品，并被越来越多的人所接受。原料为PVC或PVC与木材混合挤出发泡工艺，它不仅涵盖了木材的特性，而且具有自己的特性。可用于浴室柜、厨柜、门板、门框、墙面广告材料等

PVC Foam Board Extrusion Line adopts Celuka foam technology. These processes result in a "skinning" or outer layer of foam board and it achieves excellent surface hardness, rigidity and toughness and more scratch-resistance.

PVC foam board can be 100% recycled and reused. Besides, PVC foam board can be worked like wood with the tools for wood. It's suitable for sawing, cutting, nailing, screwing, planing and sticking. And it is widely used as decoration board, furniture board, construction decoration material, advertisement board, etc.

### 技术参数 Technical Specification

设备型号 Model	电机功率 Motor power	制品宽度 Product width	制品厚度 Product thickness	产量 Output
FLZ80/156	75kw	915/1200 1560mm	3-30mm	400KG/H
FLZ80/173	90kw	915/1220 1560/2050mm	3-40mm	600KG/H
FLZ92/188	132kw	915/1220 1560/2050mm	5-40mm	800KG/H
FLZ80/156 FLZ65/132	120kw	915/1220 1560mm	3-30mm	450KG/H



## PVC自由发泡板生产线 PVC Free Foam Sheet Extrusion Line



PVC自由发泡板是PVC发泡板一种。PVC发泡板按制作工艺可分为PVC结皮发泡板和PVC自由发泡板，PVC自由发泡板又称为雪弗板和安迪板，其化学成分是聚氯乙烯。其化学性质稳定。耐酸耐碱耐腐蚀！防潮防毒隔热保温、隔音吸音、阻燃自熄、表面光滑、防蛀质轻、不吸水。PVC自由发泡板表面硬度一般，广泛应用于广告展板，裱画板，丝印，雕刻等。

PVC Free Foam Sheet is mainly used for advertisements decoration, screen printing, computer lettering, advertising signs, exhibition board, sign board, electronic instrument packaging, etc.

PVC Free Foam Sheet Features:

1. Light-weight, easily Transported and Processed;
2. Smooth and Easily Printed and Filmed with kinds of colors;
3. Good plasticity, excellent thermoforming material;
4. High Impact and Fireproof;
5. Anti-chemical Corrosion, Non-Toxic;
6. Moistureproof, Water-proof and Good Heat Preservation.

### 技术参数 Technical Specification

设备型号 Model	电机功率 Motor power	制品宽度 Product width	制品厚度 Product thickness	产量 Output
FLZ80/156	75kw	1220/1560/2050mm	1-10mm	300-400KG/H
FLP115/28	90kw	1560/2050mm	1-10mm	800KG/H





## PVC大理石/覆合板生产线

### PVC Marble Sheet/Laminate Sheet Extrusion Line



PVC仿大理石板材属免漆复合板材，其特点是：绿色环保、表面光滑手感舒适，色彩艳丽典雅、免漆无毒、无甲醛释放、防腐防水，阻燃刚性好，耐冲击、不收缩开裂，加热可曲线成型等，是一种新型时尚的装饰材料。

PVC Marble Sheet Extrusion Line is adjusted by the formula, enters the high-speed mixing workshop from automatic feeding, enters the first thermal mixing process, then automatically transfers to the cooling and cooling process, and then automatically feeds the material to the twin-screw extruder. After technical cooperation Raising the temperature produces a chemical reaction, which is composed of a three-roller setting mold for the discharge of the large plate mold structure, a roller cooling device for processing, a trimming device, a tractor, an automatic cutting machine, a roller conveyor or a robot, etc.

Scope of application of PVC Marble Sheet: widely used in high-end places such as hot spring resorts, bathing clubs, nightclubs, mass-market KTVs, office buildings, hotels, subways, etc. It is an ideal decorative material for humid environments!

#### 技术参数 Technical Specification

设备型号 Model	电机功率 Motor power	制品宽度 Product width	制品厚度 Product thickness	产量 Design
FLZ80/156	75kw	915/1220 1560/2050mm	0.8-2mm, 2-8mm	300-400KG/H
FLZ92/188	110kw	915/1220 1560/2050mm	0.8-2mm, 2-8mm	600-800KG/H
FLP75/28	55kw	915/1220 1560/2050mm	0.8-2mm, 2-8mm	300-500KG/H



## PVC封边条生产线

### PVC Edge Banding Extrusion Line



本生产线主要用于生产pvc封边条。该生产线由锥形双螺杆挤出机或单螺杆挤出机、模头、真空定型台、牵引机、分切机、收卷机和印刷机等组成。

主要应用:

贴面, 封边, 家具和办公用品的外皮包装主要特点:

产品具有良好的塑化性, 张力高, 颜色多样, 控制精确, 生产效率高, 可替代PVC压延片

优点:

此封边条具有成本低的突出特点。易于应用、装饰性极好、修边抛光后无色差、高弹性效果、优异的耐用性和耐磨性、耐污性和耐化学性等。

FLZ series counter-rotating twin screw extruders are the ideal solution to meet your requirements to use PVC compounds to make PVC edge banding sheet, then slit into edge band tape for high output demand in specific color and designs and makes your production to be more competitive.

1. PVC edge banding extrusion line is mainly used in the production PVC edge banding strip/tape, which is widely applied for decoration of furniture, kitchen ware, office, etc.

2. It is also suitable for producing colored PVC edge banding, like wood grain and other patterns by using printing machine

The process of the Fanlyplas PVC edge banding line as follows.

First step: Color mixing-material mixing- to get PVC compounds

Second step: Twin screw extrusion+ T-die+ Calendar+ Air cooling+ Primer coating+ Drying tank+ haul off +winder- to get PVC edge band sheet(single color)

Third step: Slitting+ Printing+ Packaging

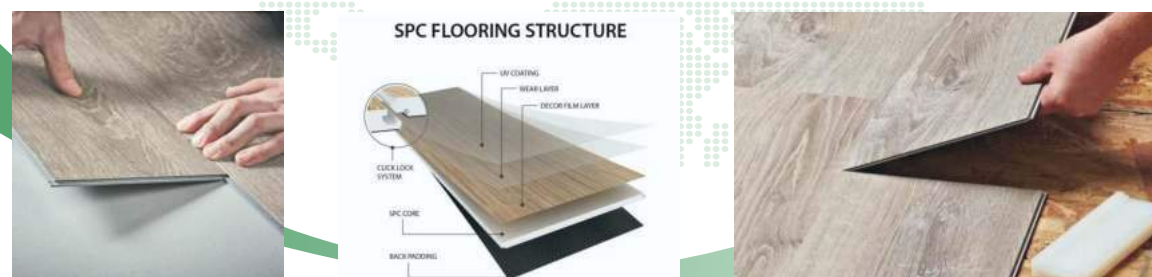
#### 技术参数 Technical Specification

设备型号 Model	电机功率 Motor power	制品宽度 Product width	产量 Design
FL45/25	11kw	17-45mm	30KG/H
FL55/25	15kw	17-45mm	50KG/H
FL65/25	22kw	17-70mm	80KG/H
FLZ51/105	18.5kw	22-70mm	50-80KG/H
FLZ55/120	30kw	22-70mm	100-150KG/H
FLZ65/132	37kw	150-450mm	150-180KG/H
FLZ80/156	55kw	600-650mm	200-300KG/H





## SPC地板生产线 SPC FLOORING Extrusion Line



### SPC地板生产线优势

1. 环保:采用碳酸钙粉及新型材料, 更加绿色环保.
2. 防火阻燃: 质量合格的PVC地板防火指标可达B1级, 次于石材.
3. 防水防潮, 可以使用到传统木制品不能应用的环境中
4. 高性价比, 可循环利用, 节约了木材使用量, 适合可持续发展的政策, 造福社会
5. 安装简单, 施工便捷, 不需要繁杂的施工工艺, 节省安装时间和费用

SPC flooring sheet extrusion line is made of PVC base material extruded by extruder, SPC core, PVC color film, PVC wear layer, UV layer are pressed and pasted in one time by five roller calender. The product is simple in process, pasted by heat and without glue.

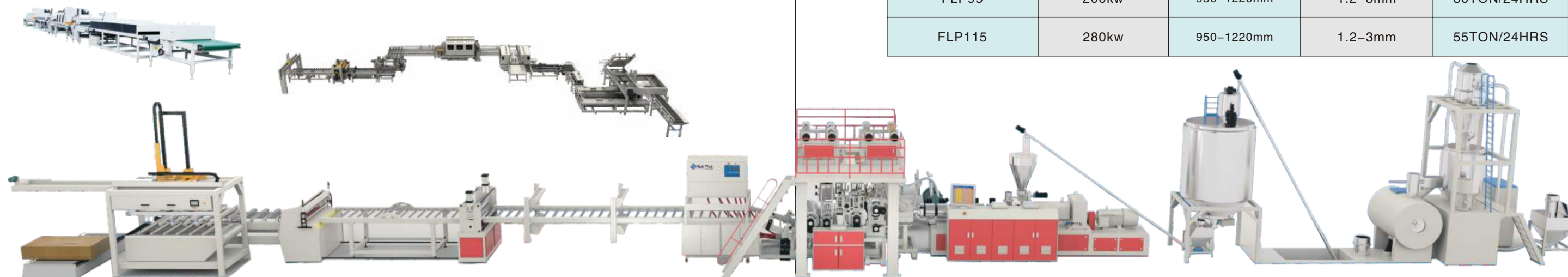
### The advantages of SPC flooring

1. Economical and practical.
2. Incredibly stable quality.
3. Heat-and-cold resistance.
4. Waterproof, moisture-proof and fire-proof.
5. Easy for installation, convenient for work.



### 技术参数 Technical Specification

设备型号 Model	电机功率 Motor power	制品宽度 Product width	制品厚度 Product thickness	产量 Output
FLZ92/188	110kw	950-1220mm	2-8mm	400-600KG/H
FLZ110/220	160/220kw	950-1220mm	2-8mm	1000-1350KG/H
FLP 115	75kw	950-1220mm	2-8mm	800-1250KG/H
FLP 135	110/132kw	950-1220mm	2-8mm	1250-1450KG/H



## LVT地板生产线 LVT FLOORING Extrusion Line



LVT 软质复合地板生产线由挤出机挤出地板基材, 再经过一套六辊复合机对基材与印刷层, 耐磨层, 防滑层进行同时复合, 实现挤出基材, 并在线贴合彩膜和耐磨层, 一次性加工成型, 具有产量高, 制造过程简单, 自动化程度高等特点. 并通过放卷张力, 耐磨层预热的精确控制, 达到放卷时不起皱, 不收缩, 不变形等效果, 挤出复合生产效率高, 产品质量稳定.

The traditional LVT floor has complex production process, high energy consumption, long labor time, and is not conducive to environmental protection. Our company has developed a new high-efficiency extrusion line based on the latest vinyl floor extrusion technology, which can realize extrusion of base layer and online laminated with color film and wear layer, all is processed in one time. It has high output, simple manufacturing process and high automation.

The followings are the advantages of the LVT floors produced with the LVT flooring production line by FANLYPLAS Extruder.

1. Lightweight
2. Good resiliency
3. High level of comfort
4. Waterproof
5. Good durability
6. Easy to install
7. Easy to maintain
8. Easy to clean



### 技术参数 Technical Specification

设备型号 Extruder Mode	电机功率 Motor power	制品宽度 Product width	制品厚度 Product thickness	产量 Output
FLZ92/188	110kw	950-1220mm	1.2-3mm	15TON/24HRS
FLZ110/220	220kw	950-1220mm	1.2-3mm	25TON/24HRS
FLP95	200kw	950-1220mm	1.2-3mm	30TON/24HRS
FLP115	280kw	950-1220mm	1.2-3mm	55TON/24HRS



## UPVC门窗型材生产线

### UPVC Windows Doors Extrusion Line

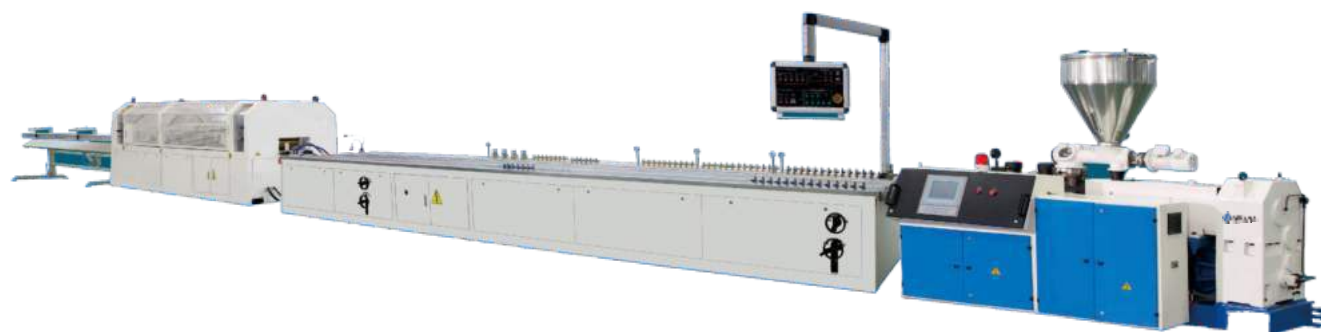


生产线由锥形双螺杆挤出机、真空定型台、牵引机、切割机、翻料架组成。  
 生产线由物料装载机、双螺杆挤出机、真空校准台、拖拉机、锯床/刀具、堆垛机/自动堆垛机（薄膜层压装置）本生产线采用FL系列进口变频锥形双螺杆挤出机，提供调节范围广，温度控制精确。下游设备包括校准台、运输机、切割机和堆垛机。校准台配有强力冷却系统，使其能够提供完美的校准效果。配备履带式拖车采用精密齿轮电机和变频器，结构合理，坚固耐用稳定的牵引力。切割机配有PLC控制系统，有助于设置长度并提供精确的自动切割。堆垛机上覆盖着橡胶夹块防止产品损坏。

The Production Line consists of Material loader, Twin screw extruder, Vacuum calibration table, Tractor, Saw/Knife cutter, Stacker/Auto stacker(Film lamination unit) This line applies FL serials of conical twin screw extruder with imported inverter, which provides wide adjusting range and precise temperature control. The downstream equipment includes calibration table, hauler, cutter and stacker. The calibration table is equipped with strong forced cooling system so that it can provide perfect calibrating effect. The caterpillar hauler is equipped with precision gear motor and inverter, which possesses reasonable structure, strong and stable hauling force. The cutter is equipped with PLC control system which helps to set length and provide accurate automatic cutting. The stacker is covered with rubber grip blocks to prevent products from damage.

#### 技术参数 Technical Specification

规格 Model	Yf108	Yf180	Yf240	Yf300	Yf400
制品宽度 Product width (mm)	108	180	240	300	400
牵引高度 Haul off height (mm)	150	150	150	150	150
牵引力 Haul off force (KN)	2	2	2	2	3
牵引速度 Haul off speed (m/min)	6	5	5	5	5
辅机功率 Downstream power (KW)	10	19	28	31	35



## 木塑型材生产线项目

### WPC Profile Production Line Project





## PVC发泡型材生产线

### PVC Cellular Foam Profile Extrusion Line



PVC Cellular Foam Profile Extrusion Line

PVC发泡型材生产线

PVC发泡型材是以实芯PVC合成材料为原料通过高科技挤压设备制造的一种具有实木特性的产品，无毒并且不添加铅或者汞，是家居建材装饰材料的首选。此产品广泛应用于门窗、护栏、家居、装饰等领域。

产品优势：

1. 高强度：由于微孔结构的稳定性，保证了产品的力学性能及抗压强度。
2. 长寿命：使用寿命达50年以上。
3. 隔音：吸音效果比一般的混凝土高出5倍左右。
4. 阻燃隔热：耐火极限3小时以上，从而具有很好的隔热性能。在建筑上使用，可提高建筑物的防火性能。
5. 节能环保：以塑代木，节约森林资源。

设备特点：

1. 采用高科技挤压设备，生产效率高，产量大。
2. 设备操作简单，维护方便。
3. 通过不同的模具，同一生产线可以生产多种不同尺寸的产品。

PVC Cellular Foam Profile Advantages:

1. Due to the stability of the cellular foam structure, the mechanical properties and compressive strength of the product are guaranteed.
2. It's service life can reach more than 50 years.
3. Its sound absorption effect is about 5 times higher than that of ordinary concrete.
4. It's fire resistance limit of more than 3 hours and has excellent heat insulation performance. It can be used in buildings to improve the fire resistance of buildings.
5. Using plastic instead of wood can save forest resources.

Application:

PVC cellular foam profiles are widely used in doors and windows, guardrails, home furnishings, decorations and other fields.

Machine Features:

1. Using high-tech extrusion equipment, high production efficiency and large output.
2. The equipment is easy to operate and easy to maintain.
3. Through different molds, the same production line can produce many different sizes of products.



## PVC波浪瓦琉璃瓦生产线

### PVC Roofitng Sheet/Glazed tile Extrusion Line



生产线由物料装载机、双螺杆挤出机、真空校准台、牵引机、锯床/刀具、堆垛机/自动堆垛机（薄膜层压装置）

琉璃瓦设备和琉璃瓦生产线特点：

- 1、优良的耐候性——使用寿命不低于50年；
- 2、防水性能突出——无需设置防水层；
- 3、抗风抗震——90度建筑立面装饰安全可靠；
- 4、色彩鲜艳、个性新颖、坚固耐用；
- 5、阻燃；
- 6、隔热保温
- 7、优异的韧性和强度；
- 8、施工简单，施工成本最低。

The Production Line consists of Material loader, Twin screw extruder, Vacuum calibration table, Tracter,

Saw/Knife cutter, Stacker/Auto stacker(Film lamination unit)

Features of Glazed Tiles equipment and Glazed tilesExtrusion line:

1. Excellent weather resistance – the service life is not less than 50 years;
2. Outstanding waterproof performance – no need to set up a waterproof layer;
3. Anti-wind and earthquake—90 degree building facade decoration is safe and reliable;
4. Colorful, novel in personality, durable and stable;
5. Flame retardant;
6. Heat insulation and heat preservation
7. Excellent toughness and strength;
8. Simple construction and the lowest construction cost.

#### 技术参数 Technical Specification

备注 Remirk	机型 Model	电机功率 Motor power	制品宽度 Product width	制品厚度 Product thickness	产量 Design
单螺杆/双螺杆 Single Screw/ Conical Twin Screw	FLZ-45/80	7.5/55kw	840-1130mm	0.8-3mm	250-350kg/h
双螺杆/双螺杆 Conical Twin Screw/ Conical Twin Screw	FLZ-65/80	37/55kw	840-1130mm	0.8-3mm	300-450kg/h
双螺杆/双螺杆 Conical Twin Screw/ Conical Twin Screw	FLZ-80/92	55/110kw	1130-1450mm	0.8-3mm	500-800kg/h





## 全自动收卷机 Automatic winder

塑料片材全自动收卷机是上海帆力挤出科技有限公司开发的塑机设备之一，是塑机行业内的一大创举，在塑料片材收卷领域是一大突破。此次开发的全自动收卷机集储料，牵引，切割，自动上卷，计长收卷，翻卷于一体，大大减少了人工切割、人工上卷等繁琐动作，减少了人工需要，同时保证了塑料片材收卷的整齐性，收卷长度、计重的统一性。此全自动收卷机可广泛应用于PP、PS、PET、PVC、PE等塑料片材的收卷领域。

The plastic sheet automatic winder is one of the plastic equipment developed by FANLY. It is a great innovation in the plastic machinery industry, also is a breakthrough in the winder areas of plastic sheet. The automatic winder with storage, traction, cutting, automatic winding, metering winding, roll up together. With more less in manual cutting, manual winding and other cumbersome actions, also with more less in artificial at the same time, ensure the uniformity, length, weight uniformity of plastic sheet.

This automatic winder be widely used in PP, PS, PET, PVC, PE and other plastic sheet winding areas.

Suitable for the raw materials	Sheet thickness	Sheet width
PP, PS, PE, EVA, ABS	0.1-2.0mm	500-1800mm
PET, PVC	0.1-1.8mm	500-1800mm



## 压光机 Calender

压光机对于塑料片材、板材成型的作用是毋庸置疑的，压光机根据 筒的排列方式分为:直立式，斜式，水平式，旋转式;按照筒开合驱动方式分为:机械式，液压式。

Calender is an important part of forming production line, and roll is key point of calender.

There are four kinds from roll stack type: vertical, indined, horizontal, rotation type. And from open-close drive system: mechanical and hydraulic type.

压光机形式 Calenders type	辊筒开合方式 Roller opening&closing	辊筒直径 Diameter	辊筒长度 Length	高度调节 Height adjusted
直立式 Vertical 45° 斜式 45° Oblique 水平式 Horizontal 旋转式 Rotary	机械式 Mechanical 液压式 Hydraulic	φ80-φ800mm	500-8000mm	手动式 Manual 电动式 Electric





## 辊筒 Roller

### 辊面材料:

- 1、45#无缝钢管
- 2、锻打42CrMoA
- 3、40Cr

### 辊筒轴头材料: 锻打45#钢

### 主要品种:

超级镜面辊、镜面辊、花纹辊、砂目辊、雾面辊、不锈钢辊

### 主要技术:

- 1、加工范围: 最大直径 $\phi 1000\text{mm}$ , 最大长度6000mm
- 2、辊面加工方式: 镜面抛光、喷砂、化学腐蚀、激光雕刻、刀具雕刻

辊面两端温差:  $\pm 1^\circ\text{C}$

### Surface raw material:

- 1、45# Seamless steel pipe
- 2、Forging 42CrMoA
- 3、40Cr

### Roller axis raw materials : Forging 45#steel

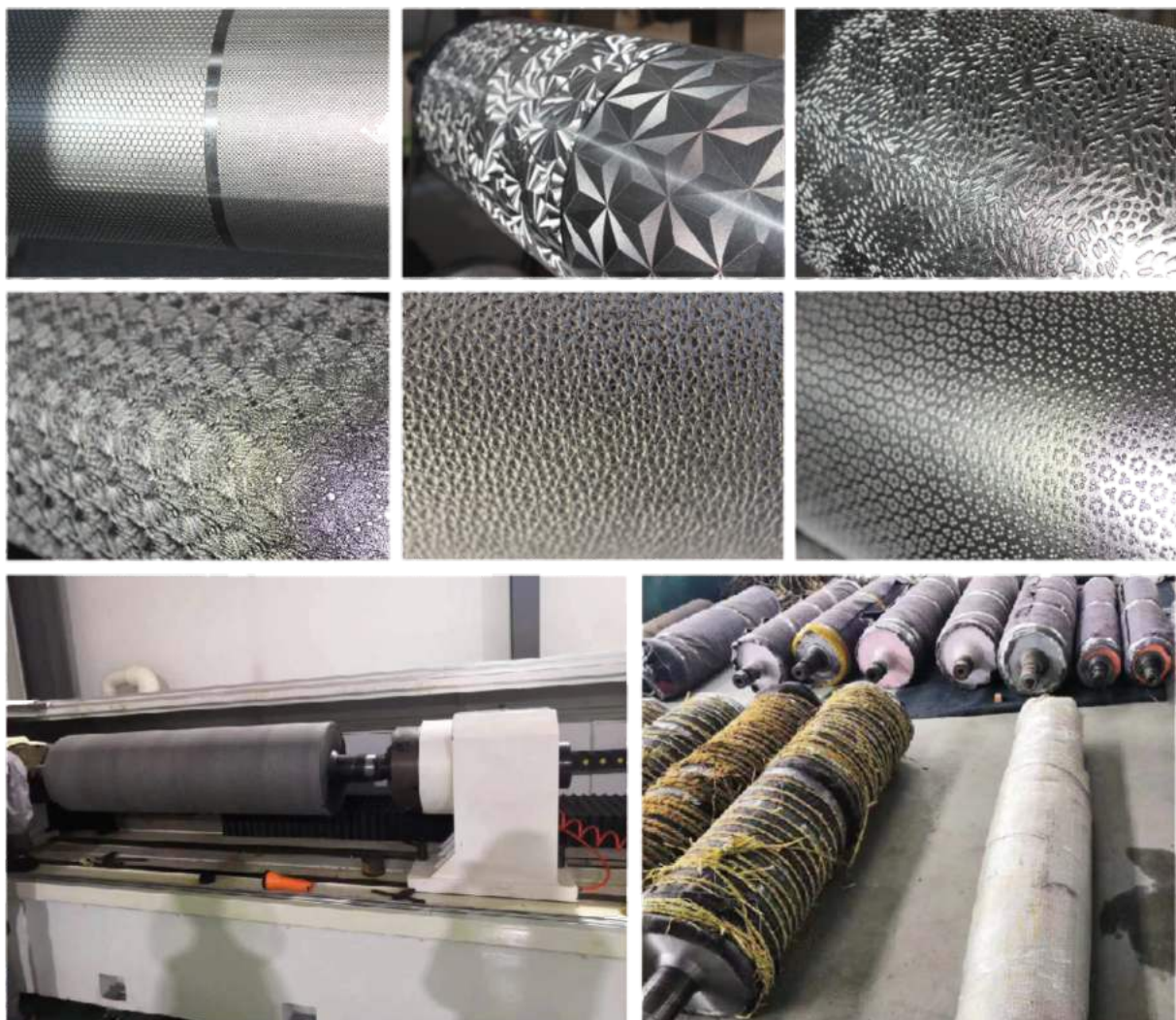
### The main species:

Super Mirror finish roller、mirror roller、Pattern roller、sand roller、matte roller、stainless steel roller

### Main technical:

- 1、Range: Max. diameter $\phi 1000\text{mm}$ , max. length 6000mm
- 2、roller surface processing: Mirror polishing, sandblasting, Chemical corrosion, laser engraving, blades engraving

Temp. tolerance between two ends of the roller surface:  $\pm 1^\circ\text{C}$



## 机筒螺杆 Screw and Barrel

### 材料:

- 1、38CrMoALA (JIS SACM645)
- 2、42 CrMo(JIS SCM440)
- 3、9 Cr18MoV
- 4、CW6Mo5Cr4V2
- 5、SKD61

### 热处理:

渗氮处理、电镀硬铬层处理、高频淬火  
喷涂耐腐蚀、耐磨双金属层、真空淬火

### 技术指标:

氮化层深度: 0.5-0.8mm  
氮化硬度: 900-1000HV  
氮化脆性:  $\leq 1$ 级  
表面粗糙度: Ra0.4  
螺杆直线度: 0.015mm  
镀铬层厚度: 0.025-0.085mm

### Raw material:

- 1、38CrMoALA (JIS SACM645)
- 2、42 CrMo(JIS SCM440)
- 3、9 Cr18MoV
- 4、CW6Mo5Cr4V2
- 5、SKD61

### Heat treatment:

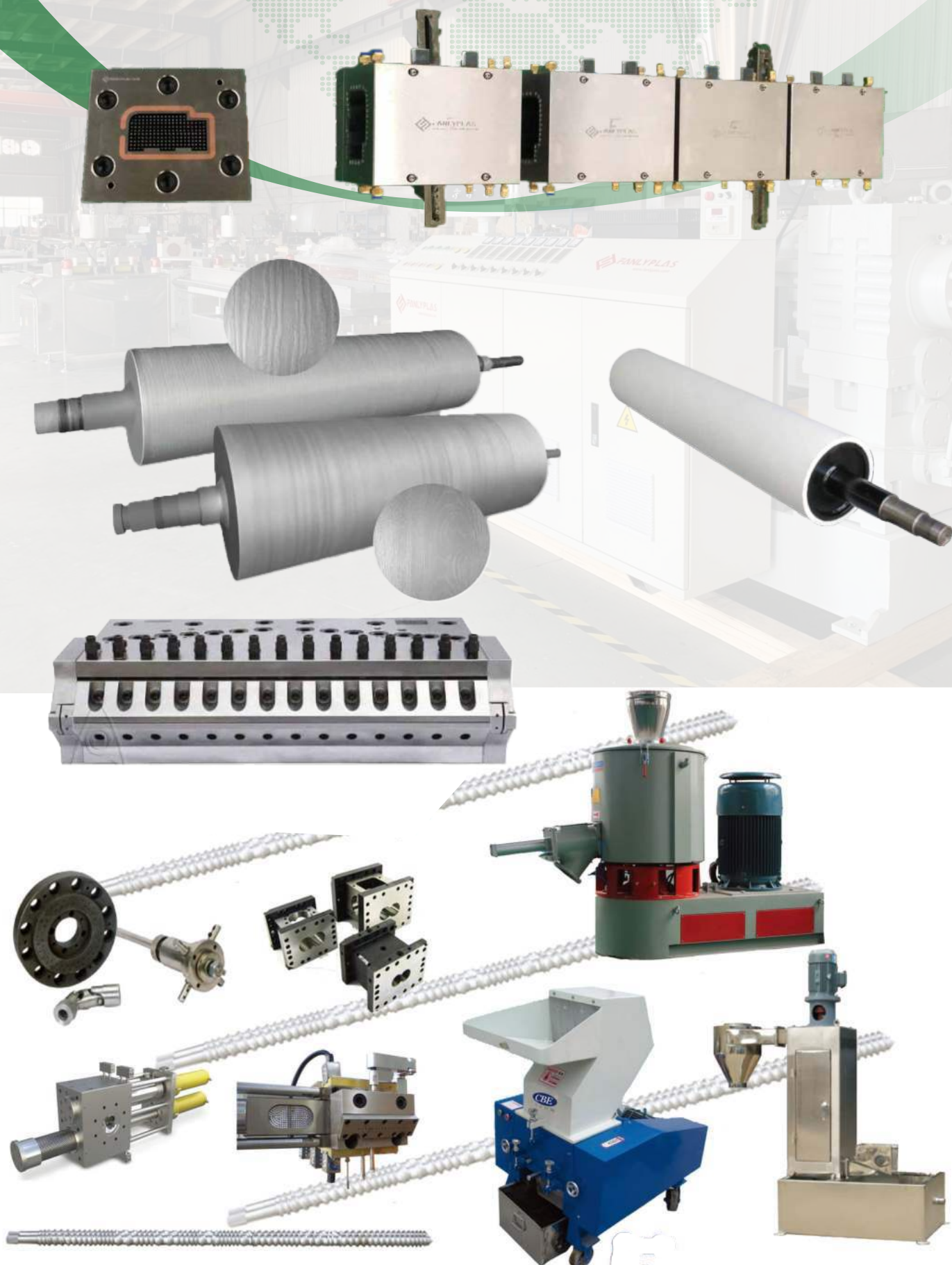
Nitriding treatment、Hard chroming treatment  
High frequency quenching、  
Spraying bimetallic alloy for corrosion、  
resistance&abrasive resistance、  
Vacuum quenching

### Technical:

Nitriding thickness: 0.5-0.8mm  
Nitriding hardness: 900-1000HV  
Nitriding frangibility:  $\leq 1$  class  
Surface roughness: Ra0.4  
Screw straightness: 0.015mm  
Chrome plating thickness: 0.025-0.085mm









# COOPERATIVE PARTNERS 合作伙伴

公司通过与全球大型知名品牌强强联合（如西门子、ABB等），共同打造行业一流稳定，高端的机械产品。

Through cooperation with large and well-known global brands (such as Siemens, ABB, etc.), the company jointly creates first-class, stable and high-end mechanical products in the industry.

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EURODRIVE

**Schneider**  
Electric  
施耐德电气

**JCTIMES** 精诚

**SCANTECH**  
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**SIEMENS**

**YASKAWA** 安川

**ABB**

**WEG**



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