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SEVENSTARS MACHINERY



骑士机械

HORSERIDER MACHINERY

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PLASTIC BOARD & SHEET EXTRUSION LINE



张家港市北斗星机械有限公司
Zhangjiagang Sevenstars Machinery Co.,Ltd.

张家港市骑士机械有限公司
Zhangjiagang Horserider Machinery Co.,Ltd.

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Company Profile

公司简介

过去的10多年，北斗星抓住了中国塑料机械高速发展带来的历史机遇，坚持以客户为中心，以员工为根本，基于客户需求持续发展，赢得了客户信任和市场，从一家小的公司，初始资本只有10000人民币的小微企业，稳健成长，成为了年销售额近7000万人民币的中型企业。工厂占地26 亩，厂房面积近20000平方米，公司90%的设备出口，如今，我们的塑料机械设备已应用于全球100多个国家和地区。

作为张家港发展最快的企业，我们为全球各最终客户、经销商及国内客户提供有竞争力的设备和服务，帮助客户在投资开发上获得成功。我们坚持聚焦战略，对公司两大领域“塑料挤出设备，塑料回收设备”持续进行研发投入，以客户需求为根本，使公司始终处于行业前沿。



我们积极致力于社会经济的可持续发展，努力保障提升设备的性能，助力最终用户提升效率、降低能耗，推动低碳经济增长。

我们深信：未来将是一个全球化的世界。北斗星与各客户一起，开放合作，努力构建一个更加高效整合的系统，促进行业与行业、企业与企业、中国与全球的全面合作与发展，激发每个行业，每家企业无限机遇与潜能，推动世界进步。

核心价值观

为客户服务是我们存在的唯一理由，客户需求是我们发展的原动力。

我们的价值主张

为适应全球塑料机械日益增长的需求，北斗星围绕客户需求和科技创新，与业界伙伴开放合作，持续为客户创造价值。

Our core values

Customer service is the only reason we exist, customer demand is the driving force behind our development.

Our value proposition

In order to meet the increase demand of globe plastics machinery, Sevenstars according to customer requirement and technological innovation, open cooperation with industry partners, continuing to create value for customers.



Over the past 10 years, Sevenstars seized the historical opportunity of Chinese plastic machinery development. We insisted the customers as the center, employees as foundation, developed gradually base on their requirement and finally , we win the trust and market from them. We started from a small company, initial capital only 10000 RMB and developed to a annual sales of nearly 70 million RMB of medium-sized enterprises. Our factory covers 26 acres, plant area of 20000 square meters and 90% of equipment export. Now, our plastic machinery and equipment has been used in more than 100 countries and regions around the world.

As the develop fastest company in Zhangjiagang city, we provide competitive quotation and service to final customers, agents all over the world ,domestic customers and try to help them success in the investment. We insist focusing on the strategic, research and development to our two main products “plastic extrusion machine, plastic recycling machine” and make our company at the forefront of the industry.

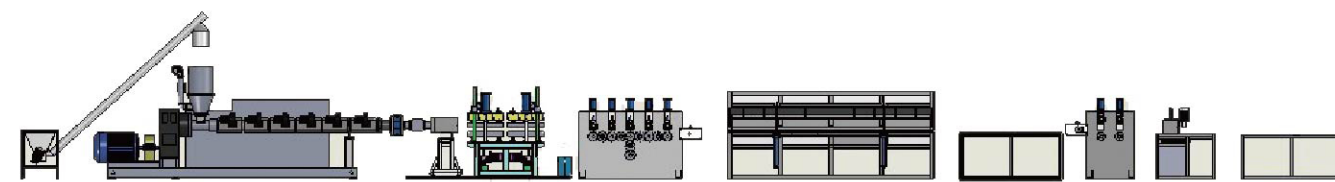
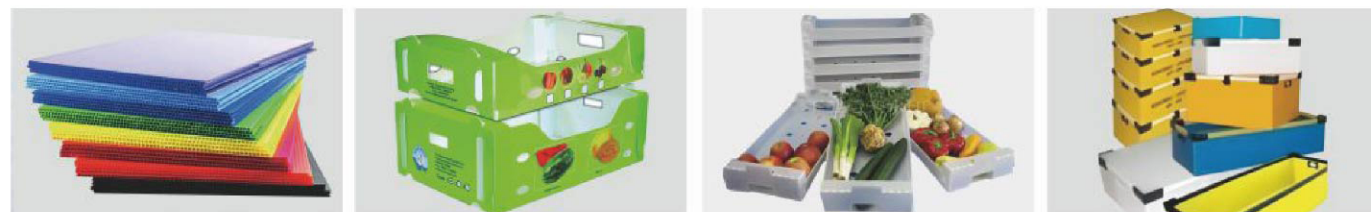
We are actively committed to sustainable socio-economic development, efforts to guarantee the performance of lifting equipment, help end users improve efficiency, reduce energy consumption, promote low-carbon economic growth.

We are convinced: the future will be a globalized world. Sevenstars will be with the customer together, open cooperation, and strive to build a more efficient and integrated system, promoting trade and industry, enterprises and enterprises, China's comprehensive cooperation with the global development and inspire each industry, each company limitless opportunity and potential to promote progress in the world.



PP HOLLOW SHEET PRODUCTION LINE

PP中空格子包装箱板生产线



Performance Feature

- ◆Using international advanced CAD design software, 38CrMoALA alloy steel with superior quality and coating metal on double surface. Professional unique internal construction of the screw barrel.
- ◆Low-voltage electrical appliances adopt imported brands, precise control and easy operation. Also optional equipped with high-end programmable computer control, full line intelligence.
- ◆Vacuum forming table with advanced flow channel structure and large forced cooling system to ensure the board cooling and forming effect.

主要技术参数 Main technical specifications

PP hollow profile sheet extrusion machine data

型号(Machine type)	产品宽(Sheet width)(mm)	厚度(Sheet thickness)(mm)	产量(Max.Extrusion capacity)(kg/h)
1400	1200	2-6 6-12 12-18	320/350/420
1800	1650	2-6 6-12 12-18	320/350/420
2400	2250	2-6 6-12	380
2600	2450	2-6 6-12	420
2800	2650	2-6 6-12	480

Product features

- ◆PP hollow grid plate is also called plastic hollow board. Wantong board, calcium plastic board, polymer packaging board. Polypropylene(PP) is used as raw material. The extruded plastic sheet can be added with different additives according to the requirements to increase the physical properties of the hollow board. The blended flame-retardant masterbatch is both a flame-retardant hollow board. and the UV masterbatch is blended into an ultraviolet-proof hollow board, which is blended with carbon black. The electrostatic masterbatch is both an antistatic hollow board.
- ◆Non-toxic, odorless, pollution-free, moisture-proof, anti-corrosion, light weight, tough and wear-resistant, heat-insulating and shock-proof, economical and durable, and rich in color.
- ◆Recycling and reuse, have great significance to natural resources and ecological environment.

注：以上数据仅供参考，本公司保留元件及机械结构更改权，购买设备涉及的有关内容以合同为准。

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PP HONEYCOMB BOARD PRODUCTION LINE

PP蜂窝板生产线

Automotive interior

Can be applied to the trunk lid, trunk partition, trunk carpet substrate, side wall decorative panel, ceiling, and other interior parts of passenger cars.

Packaging industry

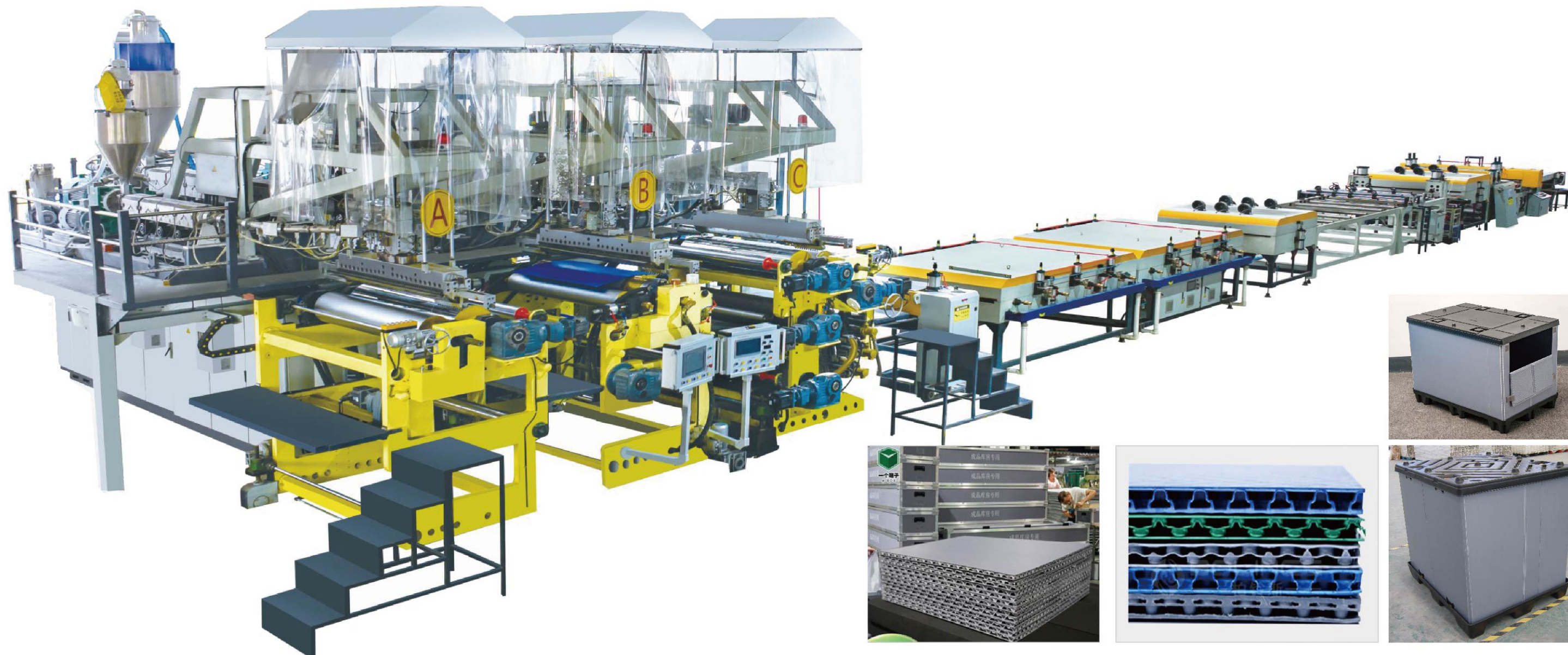
Suitable for the production of various high-strength packaging boxes.

Other fields

It can also be used for the production of billboards, ceilings, decorative panels, light boxes, etc. In addition, it has a wide range of applications in some buildings and public facilities, such as office buildings, halls, shopping malls, sports venues, skylights for public facilities; rain shelters for bus stations, parking lots, pavilions, corridors of rest halls; sound barriers for expressways and urban elevated roads, etc.

CHARACTERISTICS AND ADVANTAGES:

1. High production capacity: The new honeycomb board production line adopts automated production and is easy to operate, capable of quickly and efficiently completing the production of composite panels, significantly improving efficiency.
2. High quality: The production line uses advanced technology and processes to ensure the production of high-quality honeycomb board with smooth, flat surfaces, high compressive strength, and environmental friendliness.
3. Low cost: The new honeycomb board equipment supports various surface treatment processes, allowing for flexible production of honeycomb board with diverse finishes, further reducing production costs.
4. Environmentally friendly and energy-saving: The production line uses advanced coating and bonding technologies, reducing the emission of waste liquids and gases, meeting environmental protection requirements. Additionally, the new honeycomb board material itself is environmentally friendly, made entirely from recyclable materials and fully recyclable after use.
5. Lightweight and high strength: Honeycomb board produced by the new honeycomb board equipment are lightweight yet highly strong, capable of withstanding high compressive and shear forces with extremely low deformation rates.
6. Multi-functional applications: Honeycomb board are widely used in aerospace, military, construction, transportation, home appliances, and other fields. In the construction industry, they are applied to walls, roofs, and curtain walls; in transportation, they are used in vehicle bodies, roofs, and doors; In home appliances, they are used in the shells of refrigerators, washing machines, and other appliances, as well as in the production of advertising signs, interior decoration projects, and packaging and turnover boxes for frozen products.

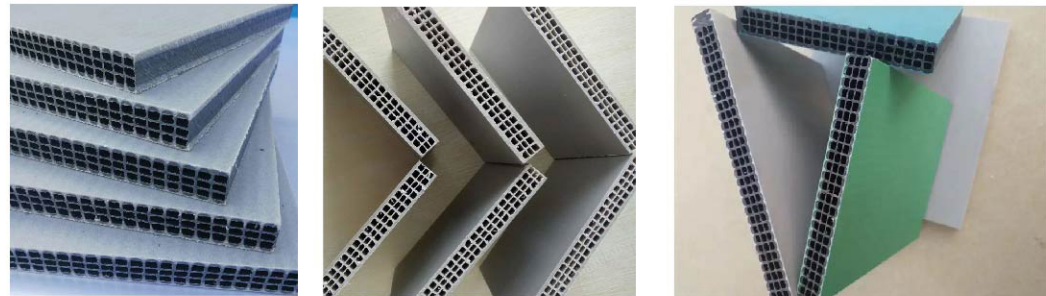


PP HOLLOW CONSTRUCTION TEMPLATE PRODUCTION LINE

PP中空建筑模板生产线

Performance Feature

- ◆BDX-PPMB Series of high efficiency, high filling special extrusion equipment, with advantages of steady capacity and nergy conservation.
- ◆Using international advanced CAD design software,38CrMoALA alloy steel with superior quality and coating metal on surface,special mixing material function and high plastify capacity of screw and barrel.
- ◆Gearbox adopts domestic famous brand plastic machinery special gearbox, and gear grinding teeth nitriding.
- ◆Low-voltage electrical adopts imported brand, precise control and easy operation. Also optional equipped with high-end programmable computer control, full line intelligence.
- ◆Main machine barrel is heated by cast aluminum heater, air cooled, and precise electronic control instrument controls the temperature.
- ◆Three-section vacuum forming table with advanced flow channel structure and large forced cooling system to ensure the board cooling and forming effect.



Product Features

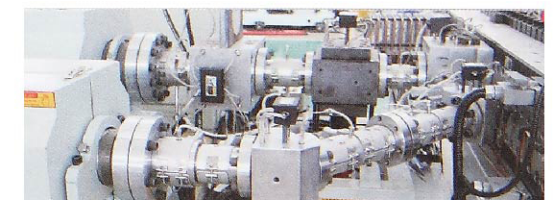
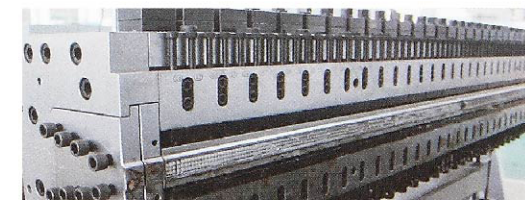
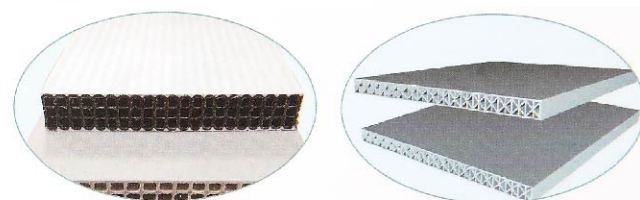
- ◆Environmental protection and harmless, better comprehensive performance. Adopt polypropylene resin (PP particles) as raw material to replace wood with plastic. The material is more environmentally friendly, tasteless and harmless. Not produce any toxic and hazardous materials during use.
- ◆The product can be nailed, riveted and stable in performance.
- ◆High strength, impact resistance, wear resistance, long service life, and turnover times up to 50 times.
- ◆Recycling and reuse, have great significance to our natural resources and ecological environment.

主要技术参数 Main technical specifications

机器型号	Model		BDX-PPMB120		BDX-PPMB150	
制品规格	Products specifications	mm	一出—	915*1830	一出二	915*1830
螺杆直径	Screw dia.	mm	Φ120	Φ65	Φ150	Φ90
长径比	Length to diameter ratio		35:1	30:1	35:1	30:1
驱动电机	Drive motor	KW	130	37	160	45
加热功率(约)	Heating power (approx)	KW	50	18	60	25
挤出产量	Extrusion output	kg/h	300-400		500-600	

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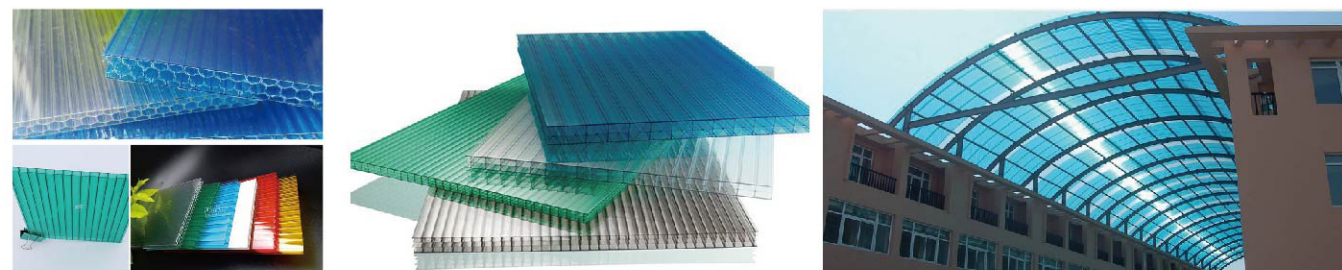


PC HOLLOW SHEET EXTRUSION LINE

PC中空板生产线

Performance Feature

This line adopts high speed, energy-saving, stable screw, and can increase capacity by more than 25%, compared to other similar machines. Specially designed for calibrating device with individual control each unit; specific temperature control device; reduce heat shrinkage; simple operation. Finished sheets produced by such line is featured with smooth surface, beautiful appearance, high impact, widely used on construction, roofing, glazing etc.



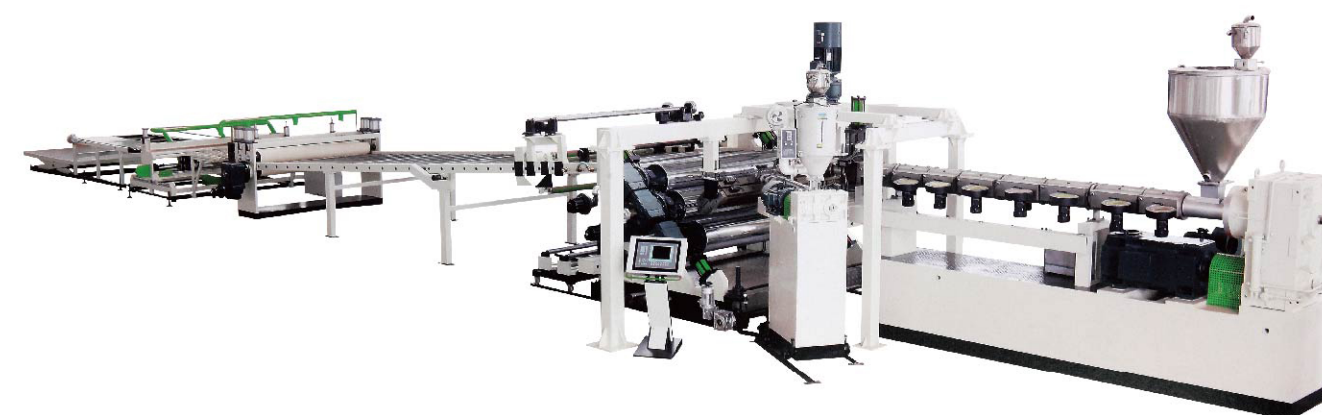
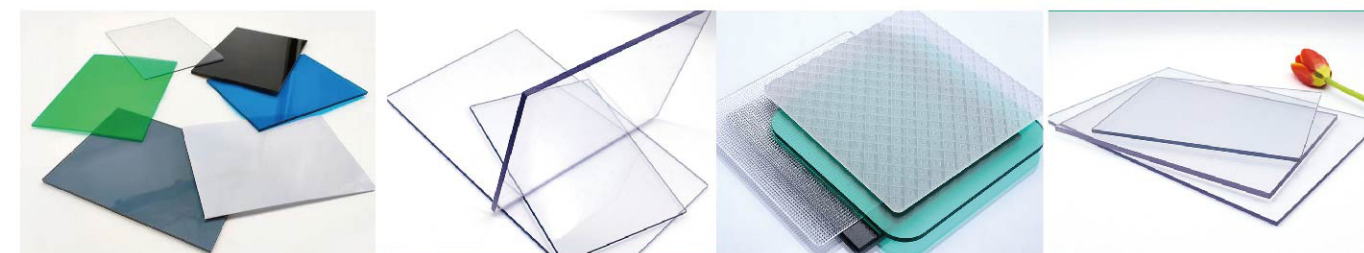
PC SOLID/EMBOSSED SHEET EXTRUSION LINE

PC耐力板/压花板生产线

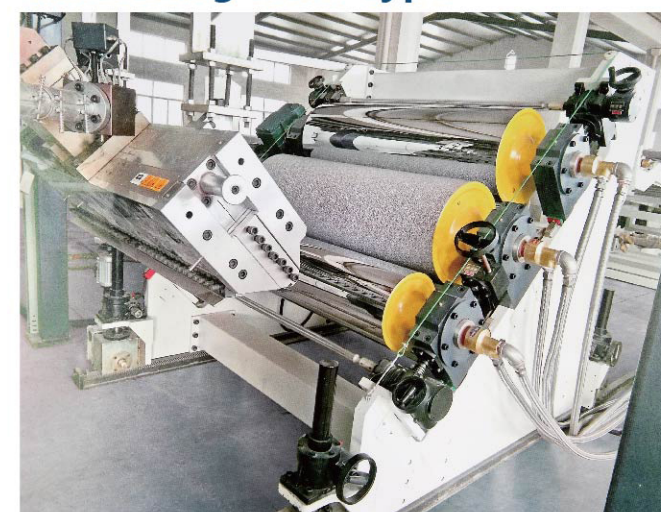
PC general purpose solid sheets are widely used for architecture glazing, window shield, interior decoration, sound barrier, advertisement and signage, security & protection, Industrial manufacturing etc,

PC embossed sheets are widely used for glazing & lighting, canopy roofing, bathroom, partition & shelters, interior designing etc.

Sheet specifications: width 1220-2100mm, thickness 0.8-1.5-3-10-12mm



Embossing roller type



Mirror roller type



PVC (CO-EXTRUSION) WOOD PLASTIC COMPOSITE FOAMED BOARD PRODUCTION LINE

PVC (共挤)木塑复合发泡板材生产线

PVC WOOD PLASTIC CONSTRUCTION FRAMEWORK BOARD,

CABINET BOARD, FUMITURE BOARD PRODUCTION LINE

PVC木塑建筑模板、橱柜板、家具板生产线

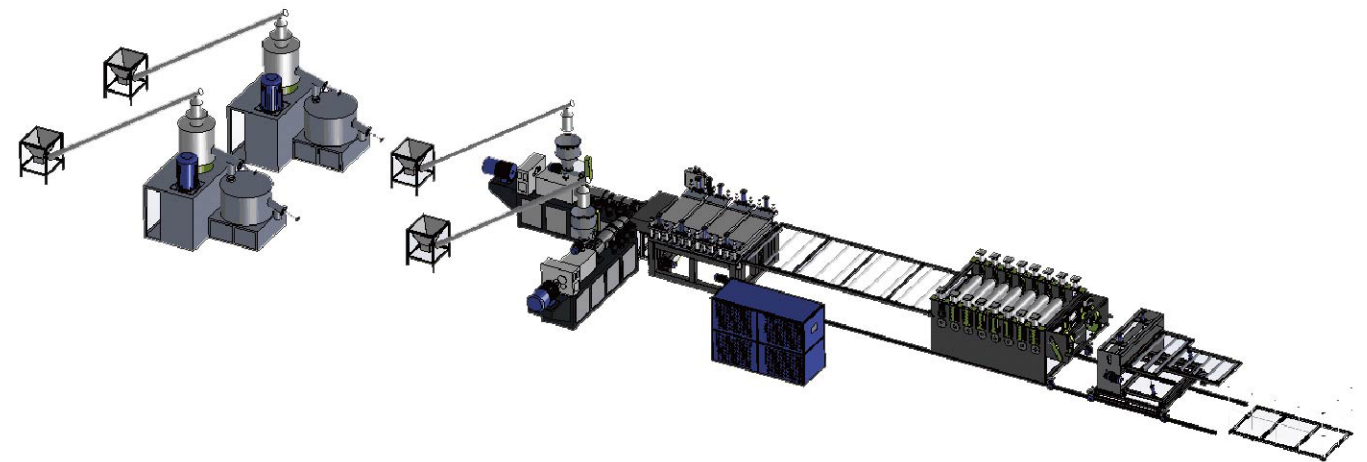


性能特点

- ◆BDX-MSC系列木塑板材专用挤出设备，性能稳定节能高效。
- ◆国际先进水平的CAD设计软件，38CrMoAlA优质合金钢材质，表面双金属涂层。特殊混料功能及高塑化能力设计的螺杆料筒。
- ◆螺杆芯部冷却采用自动控温的油恒温系统，使物料达到最佳塑化状态，采用真空排气式螺筒，使物料中水分充分挥发，保证产品质量。
- ◆采用进口品牌西门子电机驱动，变频调速，挤出量大，效率高。
- ◆设备所生产板材制品广泛应用于室内装修、家居、橱柜、衣柜、建筑模板等领域。

Performance Feature

- ◆BDX-MSC series high-efficiency extrusion equipment specially used for wood plastic panel, with advantages of steady capacity and ener- gy conservation.
- ◆Using international advanced CAD design software, 38CrMoAlA alloy steel with superior quality and coating metal on surface. special mixing material function and high plastify capacity of screw and barrel.
- ◆Cooling system of screw core uses constant temperature system controlled by hot oil, so that material can be plastified well; And barrel uses vacuum exhaust type, so that moisture content can volatilize fully and keep product quality.
- ◆Adopt import siemens brand motor for driving. large extrusion quantity and high-efficiency.
- ◆The panel product made by our machine ,It have been widely used in indoor decoration ,furniture, cabinet , wardrobe ,construction panel etc.



主要技术参数 Main technical specifications

机器型号	Model		BDX-MSC80/156		BDX-MSC80/156-FH	
螺杆直径	Screw dia.	mm	Φ80/Φ156		Φ80/Φ156	Φ65/Φ132
螺杆数量	Screw quantity	根(piece)	2		2	2
转速	Screw speed	r/min	1-37.7		1-37.7	1-39.1
主机功率	Main extruder power	KW	75		75	37
加热功率(约)	Heating power (approx)	KW	36		36	24
挤出产量	Extrusion output	kg/h	350		250-450	

辅机主要技术参数MainTechnical Specification of Auxiliary Machine

机器型号	Model		BF2050		BF1220	
板材宽度	panel width	mm	915/2050		915/1220	
板材厚度	panel thickness	mm	3-40		5-25	
牵引高度	Diaw-off height	mm	150		150	
牵引力	Draw-off force	KN	50		50	
牵引速度	Draw-off speed	m/min	0-2.5		0-2.5	
辅机总功率	Total power of auxiliary machine	KW	35		35	
冷却水容量	Cooling water consumption	m³/h	12		9	

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WPC DOOR/ WPC KITCHEN BOARD EXTRUSION LINE

WPC木塑门板，橱柜板挤出生产线

生产线采用SJSZ锥形双螺杆挤出机，辅机由真空定径台、牵引机、切割机及推料架组成。

This extrusion line consists of conical twin screw extruder, vacuum calibrator table, haul off, cutter and stacker.



主要技术参数 Main technical specifications

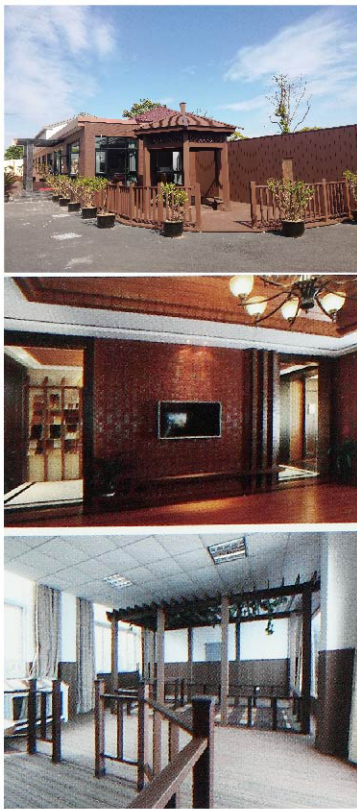
挤出机型号 Extruder model	SJSZ80/156	SJSZ92/188	辅机型号 Downstream machine type	YF-600(800)	YF-1000(1250)
传动功率 Motor power	55	90-110	最大型材宽度 MMax, profile width	600(800)	1000(1250)
螺杆直径 Screw diameter	80/156	92/188	辅机总功率 Total power(without extruder)	45	65
螺杆转速 Screw rotation speed	34.7	34.7	冷却水容量 Chilled water capacity	25	25
PVC产量 Output capacity PVC	350-400	500-700	压缩空气压力 Compressed air pressure	0.4-0.7	0.4-0.7

PVC BASED WPC PROFILE EXTRUSION LINE

PVC木塑挤出生产线

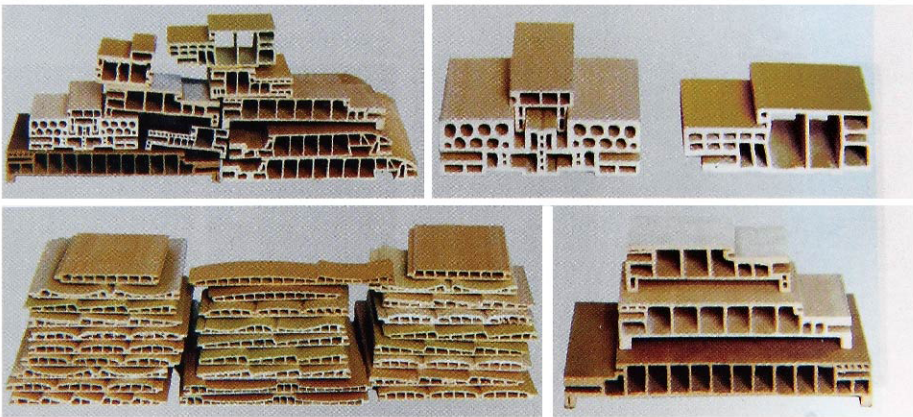
生产线由锥形双螺杆挤出机、真空定型台、牵引机、切割机、翻料架组成。

This extrusion line consists of conical twin screw extruder, vacuum calibrator table, haul off, cutter and stacker.



主要技术参数 Main technical specifications

规格 Model	YF108	YF180	YF240	YF300	YF400
制品宽度 Max.profile width	108	180	240	300	400
牵引高度 Haul off width	150	150	150	150	150
牵引力 Haul off force	2	2	2	2	3
牵引速度 Haul off speed	6	5	5	5	5
辅机功率 Total power(without extruder)	10	19	28	31	35



PVC MARBLE SHEET PRODUCTION LINE

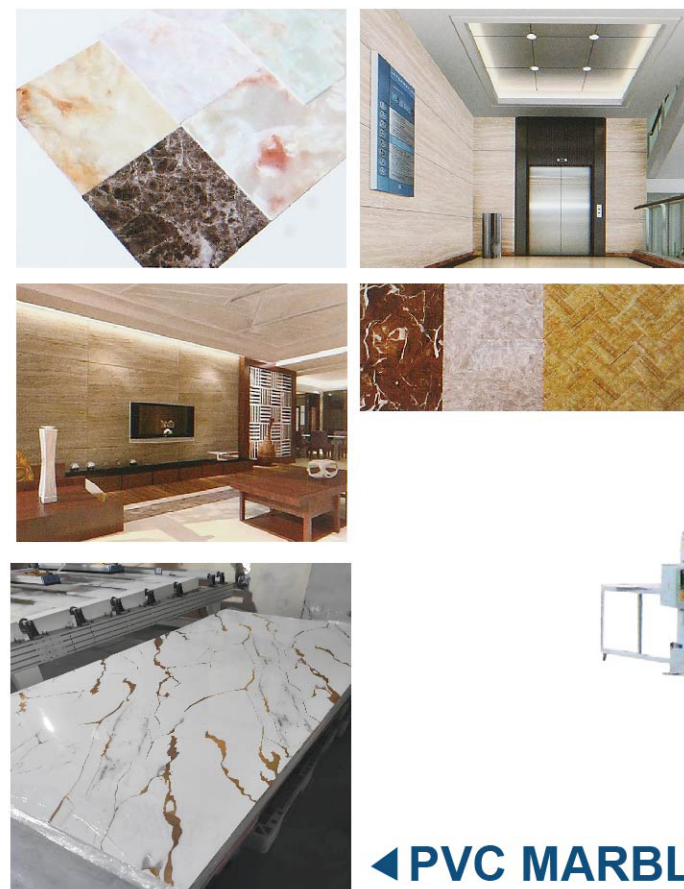
PVC仿大理石(石塑)装饰板材生产线

PVC FREE FOAM BOARD PRODUCTION LINE

PVC自由发泡材生产线



▲ PVC FREE FOAM BOARD



◀ PVC MARBLE SHEET



Performance Feature

- ◆BDX-PVC High-calcium(Stone Plastic) sheet/board specially used extrusion equipment, with advantages of steady capacity and energy conservation.
- ◆Using international advanced CAD design software, 38CrMoAlA alloy steel with superior quality and coating metal on surface, special and unique structure of screw and barrel.
- ◆Reducer uses domestic famous brand which is specially used for plastic machinery, and gear is treated by grinding and nitriding.
- ◆Low voltage apparatus uses import brand with advantages of precise control and convenient operation. It also can be installed with programmable computer control and realize whole line intelligentize.
- ◆Mirror surface cooling forming roller, adjust oil constant temperature cooling circulation system, to facilitate production: is stable and efficient forming.

主要技术参数 Main technical specifications

机器型号	Model		BDX-SJSZ80/156	BDX-SJSZ92/188
螺杆直径	Screw dia	mm	Φ80/Φ156	Φ92/Φ188
螺杆转速	Screw speed	r/min	1-37.7	1-37.7
主机功率	Main extruder power	KW	75	90/110
加热功率	Heat power	KW	36	54
挤出产量	Extrusion output	kg/h	300-350	450-550
定型方式	Sizing method		三辊压光定型Three-roll calender sizing	
板材厚度	Panel thickness	mm	2-15	2-15
板材宽度	Panel width	mm	915-1220	915-1220

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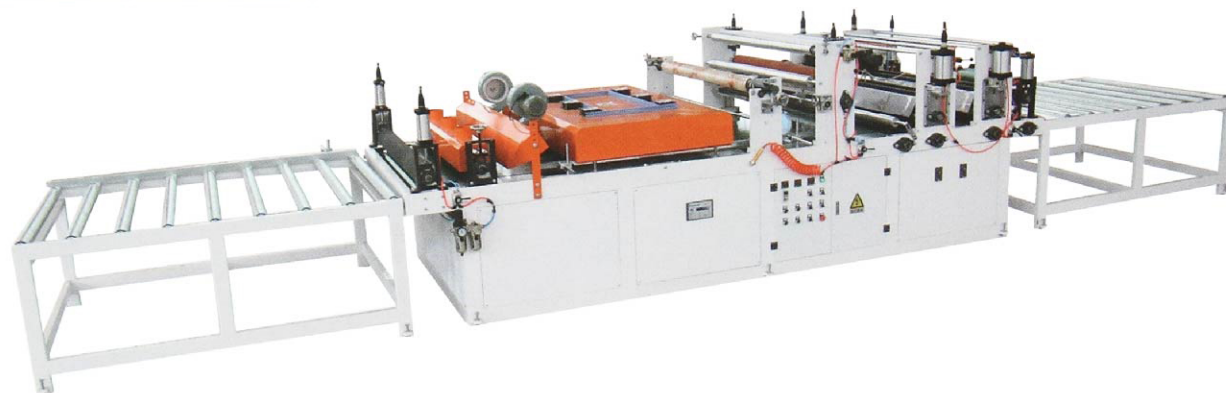
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PVC MARBLE SHEET SURFACE DEEP PROCESSING DEVICE

PVC仿大理石表面层深加工设备

PVC MARBLE SHEET OFF-LINE HOT TRANSFER MACHINE

PVC仿大理石板材离线热转印机



性能特点

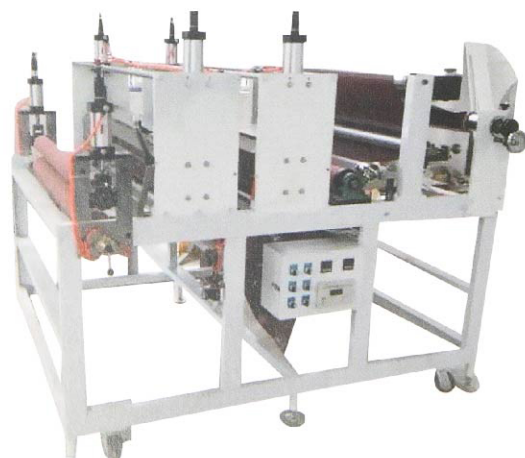
本机适用于各类板材表面的高温转印，广泛应用于仿大理石板材、木塑门板、PVC门板、发泡板等装饰板材的表面转印，该机由除尘、预热、上胶、放卷和热转印等机构组成。

Performance Feature

This machine is used to hot stamping on various boards, Used widely for PVC foam board, MDF board, WPC boards, PVC boards. This machine consists of dust cleaner, pre-heating, glue spreading, hot stamping and pressing units.

PVC marble sheet on-line heat-transfer printing machine

PVC仿大理石板材在线热转印机



性能特点

本机适用于PVC仿大理石片，板材的表面图案转印工作，宽度可以快速调整，配备转印膜张力控制系统，本机仅限于在线使用。

Performance Feature

This machine is suitable for PVC marble-imitated sheet, board surface picture heat-transfer printing, the width can be adjusted fast, equipped with painting film tension control system, this machine is limited to use on-line.

PVC Marble sheet Surface UV Roll Coating Production Line

PVC仿大理石表面UV滚涂生产线

1300表面除尘机

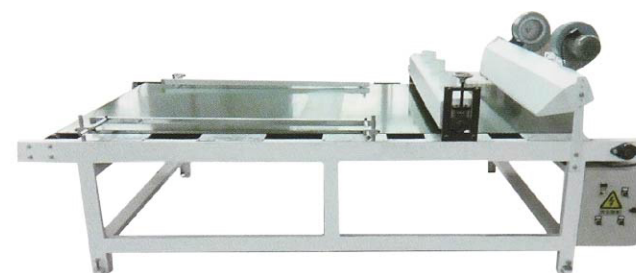
1300SURFACE DUSTCLEANER MACHINE

设备特点

用于除去板材表面粉尘，工作速度无极变速，配置高质量毛刷辊和大风力风机有效去除灰尘。

Features

It is used to remove the dust on the surface of the board, the working speed is stepless adjustable, equipped with high quality brush roller and big power blower to clean dust effectively.



1300UV光固化机

1300 UV CURING LIGHT MACHINE

设备特点

用于UV光油的干燥，UV灯箱双头可打开，易于安装和更换灯管，风机处于灯箱中间，可有效排除热量保持设备内部温度，独立电机和变频器控制，工作速度无极可调。

Features

It is used to drying the UV varnish, the UV lamphouse's double heads can be opened. the machine is easy to install and change the light. The fan is in the middle of the lamphouse, so it can exhaust the heat effectively and keep the inner machine temperature. Independent motor and transducer controller, it made the working speed stepless adjustable.



1300红外线烘箱溜平机

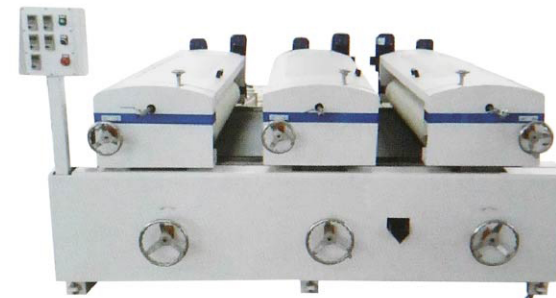
1300 IR SMOOTH AND FLAT MACHINE

设备特点

用于板材表面涂装UV的溜平，可有效除去UV涂装时产生的小气泡，采用高效加热灯光，温度由温控仪控制，运转速度无极变速。

Features

It is used to smooth and flat the UV coating surface, it can remove the small bubble when coating. It adopts the high effective heating light, the temperature can be controlled by temperature controller, the flow speed stepless changes.



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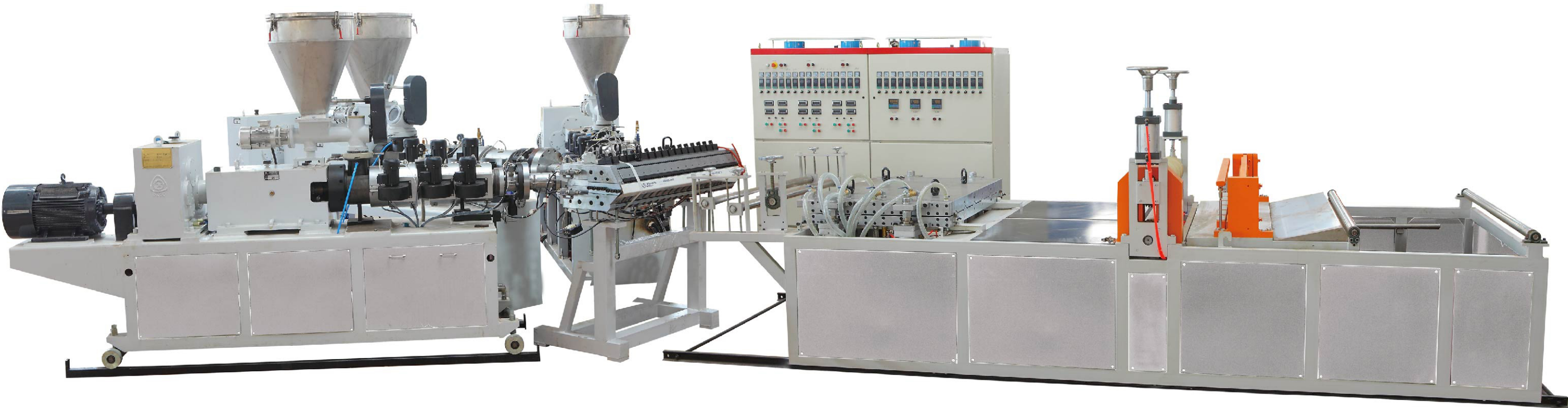
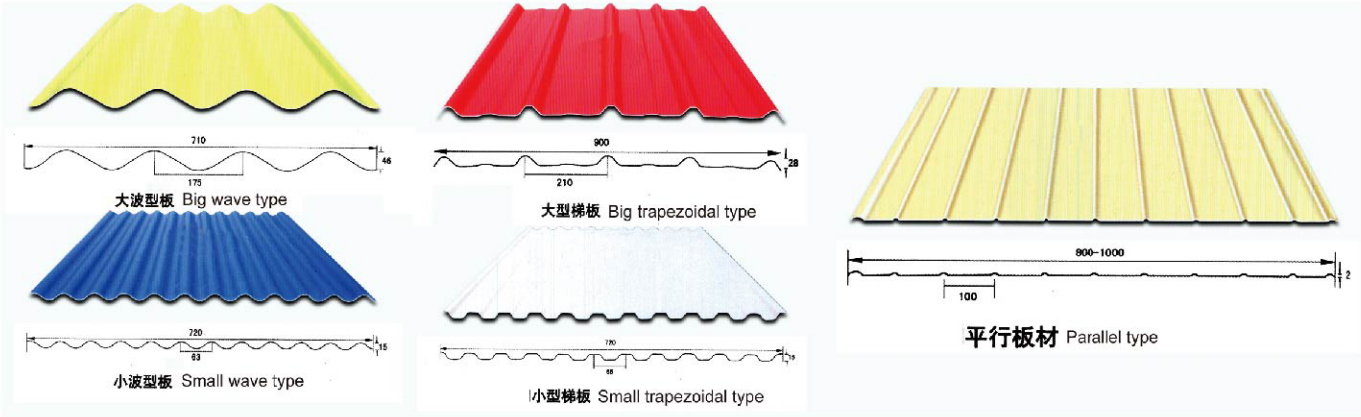


PVC ROOF WAVE TILE PRODUCTION LINE

PVC波浪瓦生产线

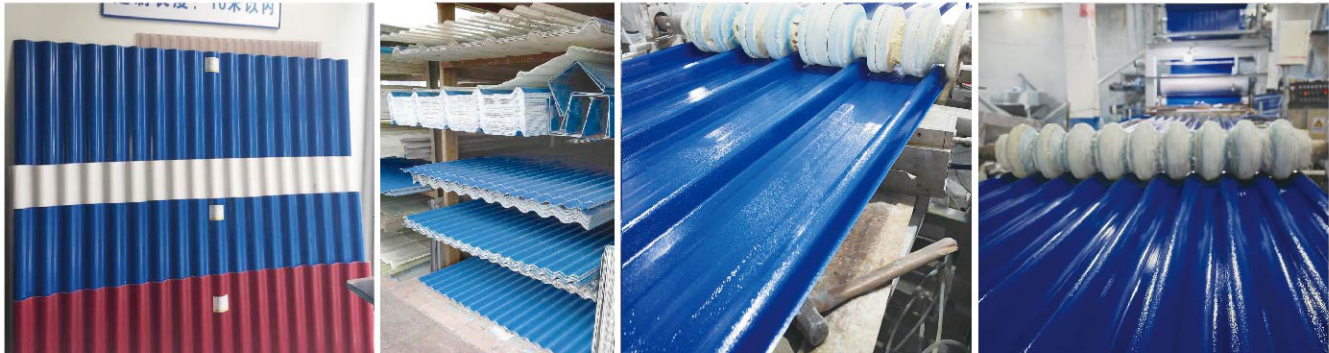
Features and Application

1. Optional to adopt conical twin screw extruder and single screw extruder
 2. Supply formula guide and staple raw material purchase
 3. Professional analyzing and design by considering production cost and tile's performance
 4. Single layer or A+B/A+B+C/A+B+A layers available



主要技术参数 Main Techninacal Parameter

主机型号 Model	制品宽度 Product width (mm)	制品厚度 Product thickness (mm)	制品波形 Product waveform	主机功率 Extruder power (kw)	最大挤出产量 Max.extrusion capacity (kg/h)
SJSZ80/156	840-1130	0.8-3	圆波/梯形波 circular wave/trapezoid wave	55	350
SJSZ92/188	1130-1450	0.8-3	圆波/梯形波 circular wave/trapezoid wave	110	700

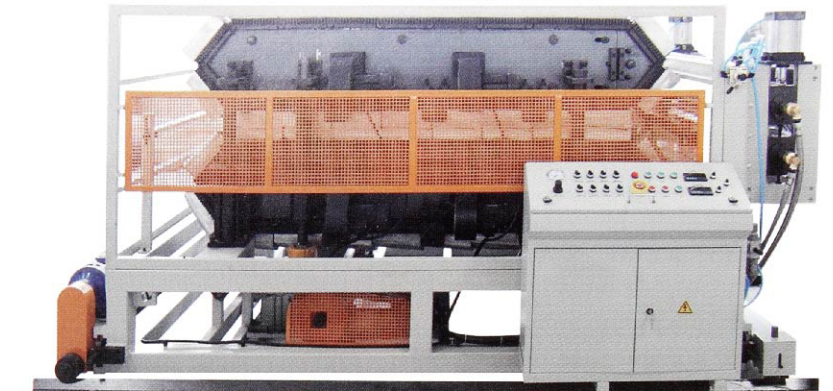
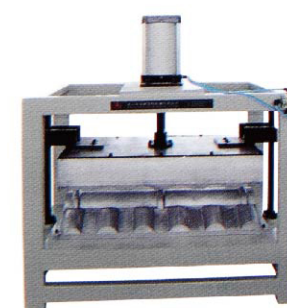
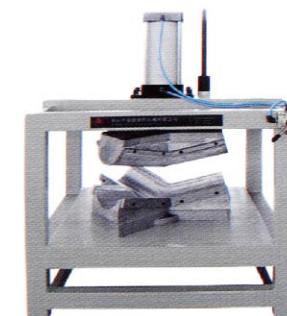
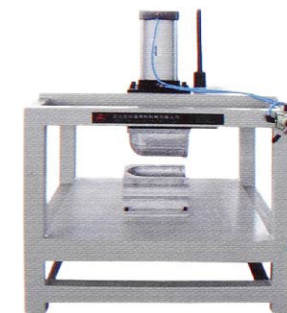
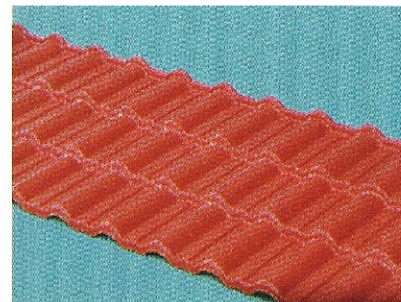


PVC GLAZE ROOF TILE EXTRUSION LINE

琉璃瓦挤出生产线

PVC Plastic Colored Glaze Roof Extrusion Line is consist of conical extruder, co-extruder, die head, and auxiliary units to produce single layer PVC or PVC/PMMA,PVC/ASA composite roof tile.

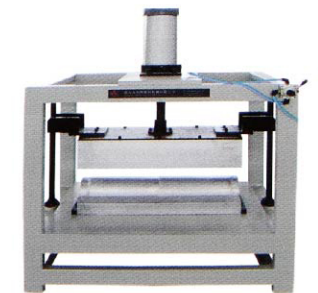
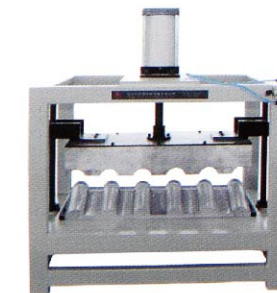
The whole line has reasonable design, high efficiency production, and easy operation.



成型机
Forming machine



烘箱
Heating Oven



模压机(脊瓦)
Thermo pressing machine for ridge tiles

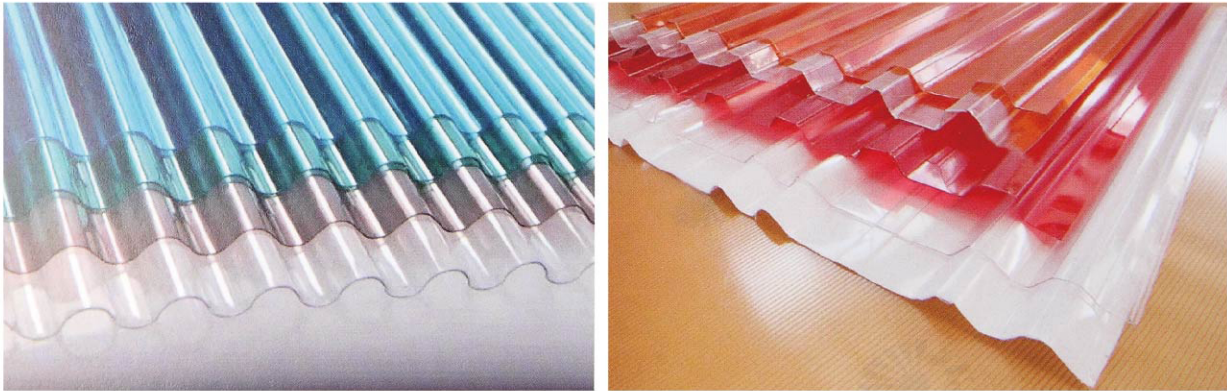
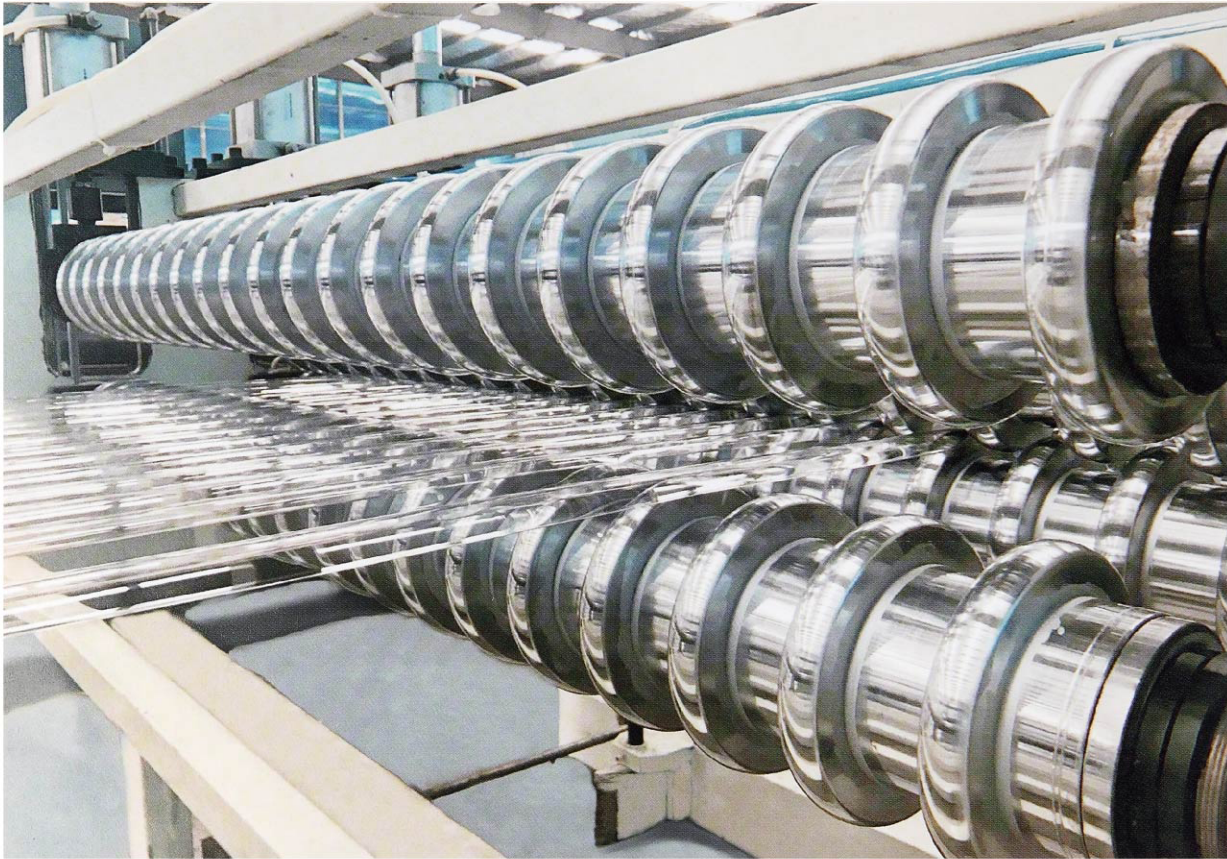
主要技术参数 Main technical specifications

制品宽度 Product width	制品厚度 Product thickness	挤出机型号 Extruder type	产量 Output capacity	生产线长度 Length of machine
880mm	2-4mm	SJSZ80/156&SJ45/30	390	26m
1040mm	2-4mm	SJSZ80/156&SJ45/30	390	26m

PC/PP/PET TRANSPARENT ROOF TILE
SHEET EXTRUSION LINE

PC/PP/PET透明波浪板,屋面瓦生产线

PC/PP/PET Solid Roof Sheets/ Roof Tile, features with excellent weather resistance, high light transmission, light weight, widely used for roofing of warehouses, workshop, or other simple construction buildings etc.



ABS/HIPS/PP/PET SINGLE/MULTI-LAYER
SHEET EXTRUSION LINE

ABS/HIPS/PP/PET单层/多层板材生产线

Refrigerator board

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

Baggage plate

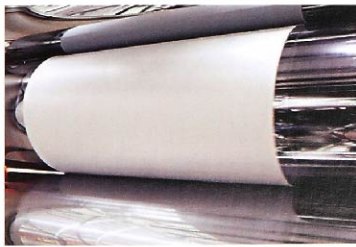
It is mainly applied in field of draw-bar boxes, luggage cases, recreation bags, etc.

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.

ABS, ABS + PC alloy material automotive sheet

It is mainly used in to produce 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 specifications

型号 Model	SJ-120/70/60-2200	SJ-120/60/45-1800	SJ-160/60-2200	SJ-120-60
适用原料 Suitable materal	ABS、PMMA、PP、PET	ABS、PMMA、PP、PET	ABS、PMMA、PP、PET	ABS、PMMA、PP、PET
挤出机规格 Extruder specification	Φ120/38,70/35,60/35	Φ120/38,60/35,45/35	160/38,60/35	Φ120/38,60/35
共挤分层形式Co-extrusion layer	A/B/C/B/A	A/B/C/	A/B,A/B/A	A/B,A/B/A
制品宽度 Products width	2100mm	1700mm	2100mm	1700mm
制品厚度Thickness of the product	2-8mm	1-6mm	1-6mm	1-6mm
最大挤出产量Capacity(Max.)	600kg/h	550kg/h	800kg/h	550kg/h

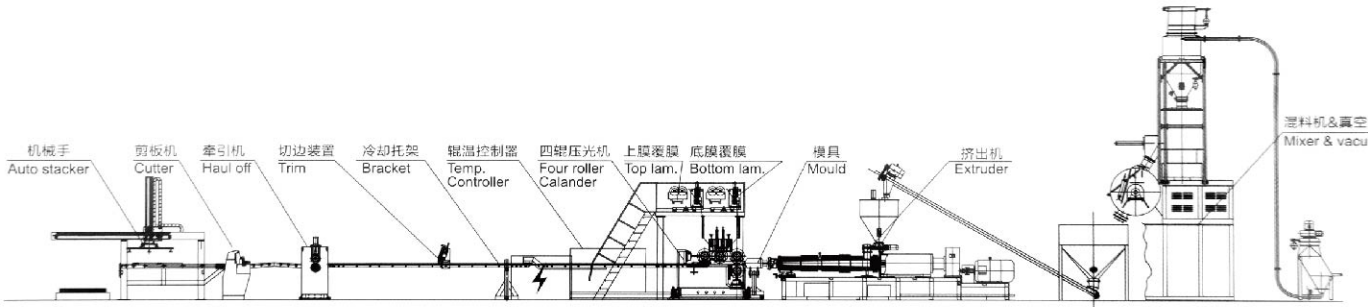
SPC FLOORING EXTRUSION LINE

SPC地板生产线



主要技术参数
Main technical specifications

型号 Model	挤出机型号 Extruder	主电机功率 (KW) Main Motor Power	总功率 (KW) Total Power	制品宽度 (mm) Sheet Width	制品厚度 (mm) Sheet Thickness	产量 (Kg/h) Output
BDX-92	BDX92/188	110	308	980-1280	2.0-8.0	600-800
BDX-110	BDX110/220	160/200	388/430	980-1280	2.0-8.0	900-1300
BDX-CO	BDX92&80	110/55	390	980-1280	2.0-8.0	700-900
BDX-114	BDX114	75/90	280	980-1280	2.0-8.0	700-900
BDX-132	BDX132	110/132	310/330	980-1280	2.0-8.0	1100-1400



LVT FLOOR PRODUCTION LINE

LVT地板生产线

Main features

LVT composite floor production line is a special LVT floor equipment developed by our company according to the characteristics of plastic composite floor building materials market.

It mainly produces LVT floor with width of 1200mm and thickness of 1.5-3mm.

Equipment features: high degree of automation, simple operation, stable and reliable production and operation, and high finished product rate.

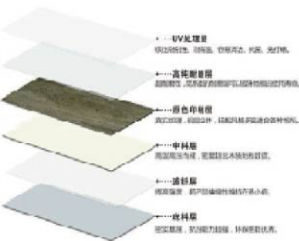
The LVT composite floor produced through online composite process by the LVT composite floor production line has the characteristics of flame retardant, moisture-proof, mildew proof, antistatic, wear-resistant, durable, simple installation, easy maintenance, rich styles and various styles etc.

Application scenario

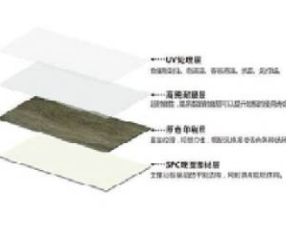
LVT composite floor is composed of upper wear-resistant layer (including UV treatment), middle printing film layer and bottom PVC substrate layer. Composite floor is widely used in indoor families, hospitals, schools, office buildings, factories, public places, supermarkets, businesses, stadiums and other places because of its rich patterns and colors.



LVT产品结构图



SPC产品结构图



PET SHEET PRODUCTION LINE

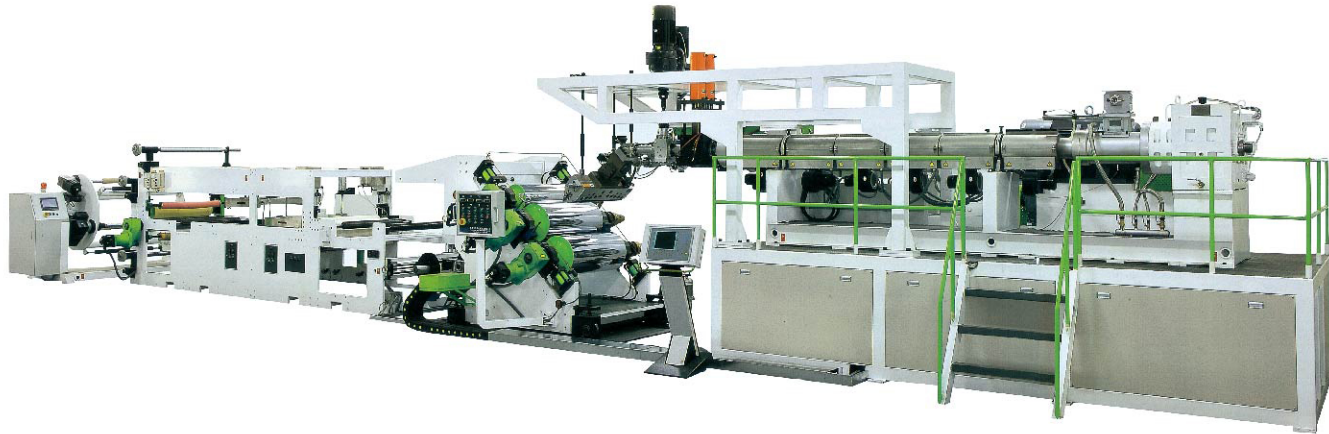
PET片材生产线

PET sheet characteristics

PET sheet is a thermoplastic environmental friendly plastic product, which is odorless and tasteless after combustion and does not produce toxic gas. High transparency, no water ripple on the surface, no crystal point, no direction and no white folding; Strong resistance to grease and chemicals; strong toughness and rigidity, good impact strength (impact strength at low temperature is also good, about 20% higher than PVC). It has good barrier, transparency, impact resistance, cold resistance and folding resistance; high strength, excellent friction resistance, non-toxic and harmless. Special PET sheet also has its unique properties: low temperature heat sealing, high temperature resistance and antistatic.

PET application scope

- Rolls of various widths and thicknesses are suitable for folding boxes, blister packaging, printing, opening skylights, etc.
 - PET flat sheets of various specifications are suitable for screen printing and folding boxes after printing(two-way no folding white).
 - PET sheets for various special purpose: antistatic sheets, one-sided or double-sided PE protective films, various color films (produced according to customers'requirements), blisters, cosmetics, food, toys, printing and packaging, electronics, hardware, stationery, gifts, city light box advertising, bus stop signs, household greenhouses, breeding greenhouses, plexiglass crafts processing, etc.



主要技术参数 Main technical specifications

型号 Model	共挤线 Multi layer	单层线 Single layer	高效 Highly-efficient
挤出机规格 Extruder specification	BDX85/40&36/40-1000	BDX75/40-1000	BDX95/40-1500
制品厚度 Thickness of the product	0.20-1.5mm	0.15-1.5mm	0.15-1.5mm
主电机功率 Main motor power	110kw/45kw	110kw	160kw
最大挤出产量 Capacity (Max.)	500kg/h	450kg/h	800kg/h

PLA SHEET PRODUCTION LINE

PLA可降解片材生产线

Main features

PLA (polylactic acid) is a new bio based and renewable biodegradable material, which is made of starch raw materials proposed by renewable plant resources such as corn and cassava.

The production process of polylactic acid is pollution-free, and the product can be biodegradable to realize the circulation in nature. Therefore, it is an ideal green polymer material.

Polylactic acid has good thermal stability, processing temperature 170~230 °C, and good solvent resistance. In addition to biodegradation, the products made of polylactic acid have biocompatibility, gloss, transparency, hand feel and heat resistance, and also have certain bacterial resistance, flame retardancy and UV resistance. Therefore, it is widely used in hard packaging of fruits, vegetables and eggs, cooked and baked foods, and it can also be used for the packaging of sandwiches, biscuits and flowers.

The main machine can adopt single screw extruder or parallel twin screw extruder, 200-1000kg/h (different molds have different output).

Pet application scope

- ◆ It can be used for hard packaging of fruits, vegetables, eggs, cooked food and baked goods
- ◆ It can be used for the outer packaging of sandwiches, biscuits and flowers, etc.
- ◆ It can be used for food grade lunch boxes and degradable blister cups
- ◆ It can be used in many fields such as encapsulation and multi-purpose

