



## Biodegradable Transparent Blister PET Sheet Extruder

Our Product Introduction

for more products please visit us on [extrudergranulator.com](http://extrudergranulator.com)

### Basic Information

- Place of Origin: Nanjing,China
- Brand Name: HLD
- Certification: CE
- Model Number: TSE101/102/103/104
- Minimum Order Quantity: 1/set
- Price: 30000~100000 dollar/set
- Packaging Details: Bubble wrap/wrap film/wooden box
- Delivery Time: 45 work days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 100/set/year



### Product Specification

- Color: Customize
- Capacity: 200-1000kg/h
- Product Width: 500-1600mm
- Product Thickness: 0.13-2.5mm
- Product Name: PET Sheet Extrusion Production Line
- Ields Of Application: Packaging And Printing Industries Such As Medicine, Food, Electrical Appliances, And Toys
- Processing Customization: YES
- Dimensions: Customize



### More Images



### Product Description

PET sheet twin screw production line (crystallization-free drying)

The crystallization-free and drying-free exhaust-type PET sheet unit launched by Nanjing Henglande has the advantages of low energy consumption and high efficiency. It has made major technical upgrades to the core vacuum system, from the original Roots-water ring pump unit to a Roots-rotary vane pump unit, which can achieve a vertical vacuum of 10Pa. At the same time, it uses a PET-specific alloy steel thin-walled roller group to greatly improve the cooling efficiency, thereby increasing production and improving the toughness and transparency of the product.

#### **Plastic PET Sheet Production Line Features:**

The screw adopts special mixing function and high-speed capability design to ensure that the plastic melts, the color is uniform and the extrusion volume is increased. The hanger-type die head adopts a special double throttling design to make the thickness adjustment of the plate more accurate. Temperature control  $\pm 1$  can accurately control the plasticization process and the thickness and flatness of the plate. The three-roller water press adopts horizontal vertical or 45° tilting type, and can be freely raised and lowered to provide more options in the operation of thick and thin plates and improve the quality of the plate. The thickness control of the plate adopts screw adjustment and hydraulic pressure wheel two-way adjustment to accurately control the thickness of the plate. The independently controlled roller temperature control system can accurately control the temperature of the pressure roller to make the thickness of the plate uniform. The length and quantity of the slicer plate are accurate. The winding table device adopts a high-level torque motor, which can adjust the speed and winding tension at will to achieve the purpose of flat winding of thin plates. With the slitting device, the required product width can be freely set. The machine is equipped with an automatic meter to set the product length.

Plastic PET sheet production lines are widely used in various packaging industries such as medicine, food and electrical appliances, toys, and printing industries.

PET片材挤出生产线  
PET sheet extrusion production line

# PET片材生产线

免结晶干燥 | 伺服控制系统 | 可多层共挤



挤出机



片材机模头



镜面三辊

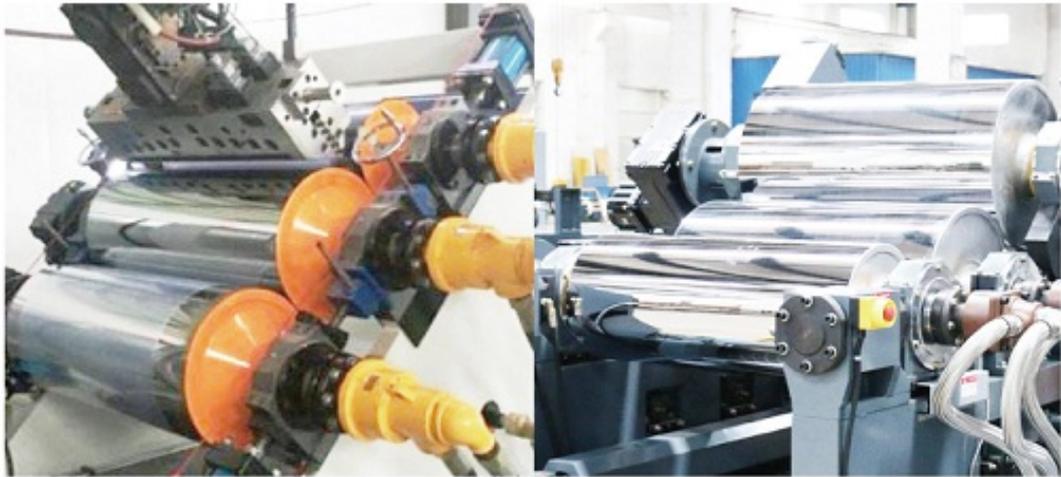


自动收卷机

## PET 片材挤出生产线基本参数

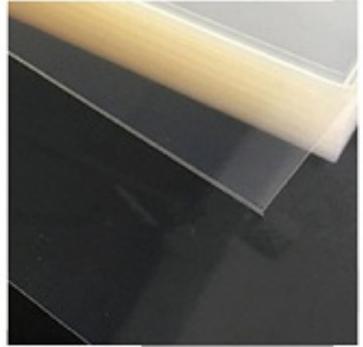
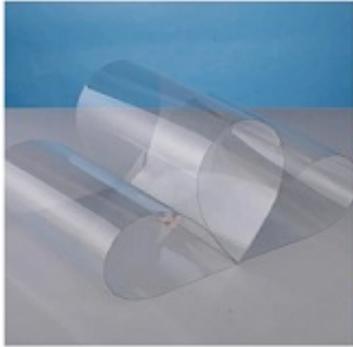
### Basic parameters of PET sheet extrusion production line

型号 Type	PET 单螺杆片材 生产线	PET 单螺杆片材 排气生产线	PET 双螺杆片材排 气生产线	PET 片材行星多螺 杆排气生产线
原料处理 Raw material handling	结晶干燥	结晶免干燥	免结晶干燥	免结晶干燥
制品结构 Product structure	可生产单层、双层、多层结构 PET 片材			
制品宽幅 Product width	500~1600mm			
制品厚度 Product thickness	0.13~2.5mm			
产量 Capacity	200-1000kg/h(产量根据机型不同存在差异)			



Adopt multiple extruders co-extrusion technology. Produce multi-layer co-extruded composite PET sheets such as: APET/PETG, PETG/APET/PETG, APET/RPET/APET and other multi-layer composites. Widely used in blister thermoforming, printing, hardware bags, gift folding packages, etc.

- ☆ Equipped with precision distributor, uniform layering, adjustable ratio of each layer. Digital display.
- ☆ Oblique horizontal tableting structure, more convenient operation and maintenance. Roller independent transmission. Line speed and extruder speed synchronous closed-loop control, full servo system.
- ☆ The whole machine adopts Siemens PLC control to realize the automatic control operation procedure and control system of parameter setting, data calculation and feedback, alarm and other functions



# Use

Given the material and recipes, We can offer an array of compounding systems with options for compressing or molding a material into pellet form. These pellet are used as follows:



**Filler Masterbatch**

Filler Masterbatch are concentrates of CaCO<sub>3</sub> or Talc or BaSO<sub>4</sub> in a polymer base.



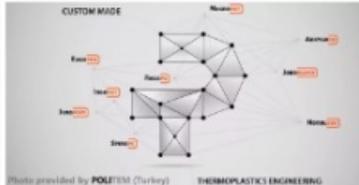
**Color Masterbatch**

Color masterbatch is used for any polymer and all kinds of product.



**Additive Masterbatch**

Additive Masterbatch are used in a wide variety of application.



**Engineering Plastic**

Our HLD-X serial Extruder with high torque gearbox is special designed for this application.



**Biodegradable Plastic**

Given its durability and longevity, plastic waste becomes a huge challenge for a greener, better world.



**Cable Compounding**

We are committed to providing advanced extruder for all kind of cable compounding



**Thermoplastic Elastomers (TPE)**

It is a class of copolymers or a physical mix of polymers that consist of materials with both thermoplastic and elastomeric properties.



**PVC Compounding**

PVC is durable, cheap, and easily worked. Before PVC can be made into finished products, it always requires conversion into a compound by the incorporation of additives.



**Science New Materials**

Science and technology new materials compounding. For aerospace, new energy, and other important fields.

# Advantage



Machine customization cycle, very short. The soonest it will take is **10 days**. At the same time, the quality will be well controlled.



Accessories from international brands, quality assurance. We will inspect the machine before shipment. **Export more than 150 machines per year.**



**7x24h work.** We will serve you as soon as we receive your letter. Help you with all your machine problems.

# Cooperation



# About us

## Our Exhibition



# Logistics



Small samples and materials, We will send it by international express. Large machinery and equipment, we will send by sea. Normally, the logistics time is 10 to 40 days. We will pack our machines in wooden cases.

## FAQ

**1: Is it OK to print my logo on extruder machine?**

Yes. Please inform us formally before our production

**2: Can I have a sample order for extruder?**

Yes, we welcome sample order to test and check quality. Mixed samples are acceptable.

**3: How to proceed an order for ?**

A: Firstly, let us know your requirements or application.

Secondly, We quote according to your requirements or our suggestions.

Thirdly, customer confirms the samples and places deposit for formal order.

Fourthly, We arrange the production.

**4: Do you offer guarantee for the products?**

Yes, we offer a 1 year warranty on our products after shipment.

**5: What other after-sales services do you offer?**

During the warranty period, we are responsible for repairing the equipment free of charge (except for wearing parts and human factors).

Good prices for wearing parts (e.g. threaded elements)

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