



Double Stage PVC Plastic Granule Extruder Line , Pvc Granulating Extruder Customized

Our Product Introduction

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Basic Information

- Place of Origin: Nanjing China
- Brand Name: HLD
- Certification: CE
- Model Number: TSE-50/150-65/180-75-95-otehr
- Minimum Order Quantity: 1/set
- Price: 25000~100000 dollar/set
- Packaging Details: Bubble wrap/wrap film/wooden box
- Delivery Time: 45 work days
- Payment Terms: D/A, D/P, L/C, T/T, Western Union, MoneyGram
- Supply Ability: 200/set/year



Product Specification

- Typing: Two Stage Extruder
- Screw: Two
- Applicable: Manufacturing Plant
- Screw Design: Single- Twin/ Twin-single Screw Extruder
- Inverter: Customize
- Power: Customize
- Extrusion Capacity: 350-1000kg/h
- Screw Material: W6Mo5Cr4V2
- Material: PE/PS/PA/ABS/PVC
- Highlight: Customized PVC Plastic Granule Extruder Line, Plastic Granule Extruder Line



More Images



Product Description

TSE 65/150 Two Stage PVC Plastic Granules Making Used PVC Extruder Line/Extruding Machine, PVC Granulated Extruder

Two Stage Extruders, by their design and operational methodology, offer several advantages that can significantly improve production efficiency in the processing of polymers and other materials. Here are some key advantages:

Separation of Functions: The division of tasks into two distinct stages allows for the optimization of each stage for its specific function—melting and mixing in the first stage, and devolatilization, further mixing, and pumping in the second stage. This specialization can lead to more efficient processing.

Improved Mixing: The first stage, often involving twin-screw extrusion, provides intensive mixing and dispersion, ensuring a uniform distribution of additives and fillers. This can result in higher quality melts and more consistent end products.

Better Temperature Control: Two-stage extruders allow for more precise control of temperature throughout the process. This is particularly beneficial for heat-sensitive materials, as it helps to prevent thermal degradation and ensures a stable processing environment.

Reduced Residence Time: By separating the melting and pumping processes, materials can spend less time in the extruder, which can reduce the risk of thermal degradation and improve the overall efficiency of the process.

Lower Energy Consumption: The second stage of a two-stage extruder typically operates at lower temperatures and pressures, which can lead to reduced energy consumption compared to single-stage extruders that must achieve both melting and pumping at higher temperatures.

Enhanced Output: The combination of efficient mixing and pumping can lead to higher output rates, as the extruder can process materials more quickly without compromising on quality.

Flexibility in Material Processing: Two-stage extruders can handle a wide range of materials with different viscosities and thermal stabilities, providing flexibility in production and the ability to switch between materials with minimal adjustments.

Optimized Screw Design: The independent operation of the two stages allows for the customization of screw design to suit specific materials and applications, which can improve the efficiency of material transport and mixing.

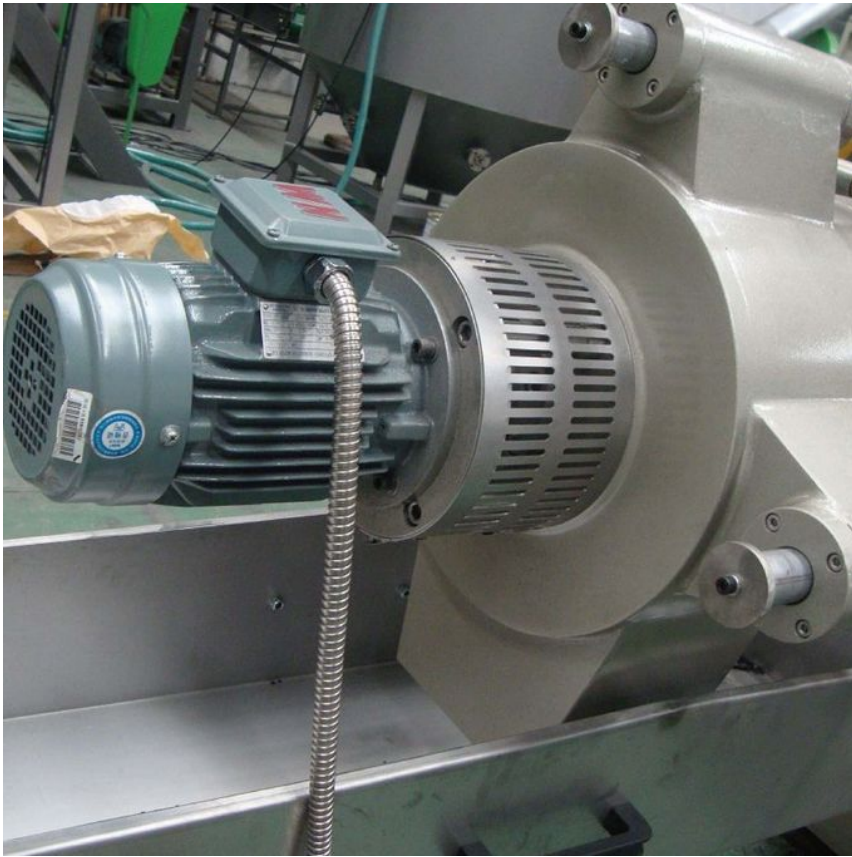
Reduced Material Waste: With better control over the process and the ability to produce more consistent products, two-stage extruders can help to reduce material waste and improve yield.

Easier Scale-up: The modular nature of two-stage extrusion systems can make it easier to scale up production, as additional capacity can be added by increasing the size or number of extruder stages.

Advanced Process Control: Modern two-stage extruders are often equipped with advanced process control systems that can monitor and adjust various parameters in real-time, further enhancing efficiency and consistency.

Model	L/D	Output
HLD-20B	40:1/44:1/48:1	5~20kg/h
HLD-35B/40	40:1/44:1/48:1	25~150kg/h
HLD-50B/52	40:1/44:1/48:1	100~280kg/h
HLD-65B	40:1/44:1/48:1	300~500kg/h
HLD-75B	40:1/44:1/48:1	450~750kg/h
HLD-95B	40:1/44:1/48:1	650~1200kg/h












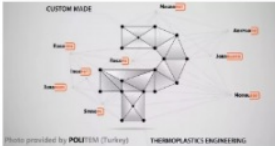

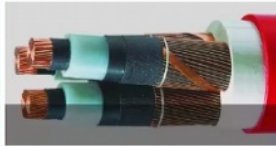


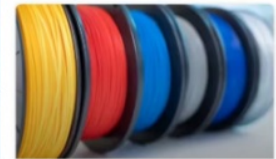
Two Stage Extruder





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 pellets are used as follows:

 <p>Filler Masterbatch</p> <p>Filler Masterbatch are concentrates of CaCO3 or Talc or BaSO4 in a polymer base.</p>	 <p>Color Masterbatch</p> <p>Color masterbatch is used for any polymer and all kinds of product.</p>	 <p><small>Photo provided by GM Color (Pakistan)</small></p> <p>Additive Masterbatch</p> <p>Additive Masterbatch are used in a wide variety of application.</p>
 <p><small>Photo provided by POLITEK (Turkey)</small></p> <p>Engineering Plastic</p> <p>Our HLD-X serial Extruder with high torque gearbox is special designed for this application.</p>	 <p>Biodegradable Plastic</p> <p>Given its durability and longevity, plastic waste becomes a huge challenge for a greener, better world.</p>	 <p>Cable Compounding</p> <p>We are committed to providing advanced extruder for all kind of cable compounding</p>
 <p>Thermoplastic Elastomers (TPE)</p> <p>It is a class of copolymers or a physical mix of polymers that consist of materials with both thermoplastic and elastomeric properties.</p>	 <p>PVC Compounding</p> <p>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</p>	 <p>Science New Materials</p> <p>Science and technology new materials compounding. For aerospace, new energy, and other important fields.</p>

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)

