



PET PLA Twin Screw Extruder for Biodegradable Plastic Production Eco Extrusion Machine for Sustainable Plastic Manufacturing

Our Product Introduction

for more products please visit us on extrudergranulator.com

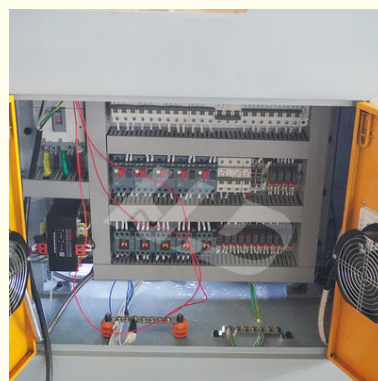
Basic Information

- Place of Origin: Nanjing China
- Brand Name: HLD
- Certification: CE
- Model Number: TSE-20
- 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: L/C,D/A,D/P,T/T,Western Union,MoneyGram
- Supply Ability: 200/set/year

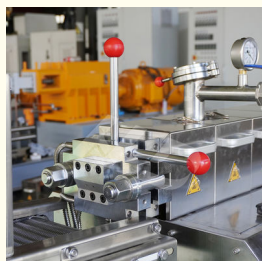


Product Specification

- Features: High Efficiency, Low Noise, Easy Operation
- Name: Biodegradable Plastic Granulator
- Application: Plastic Recycling, Plastic Granulator, Packing, Tableware
- Color: Customizable
- Size: Customizable
- Weight: Customizable
- Model: TSE-20
- Capacity: 5-25 Kg/h
- Screw Diameter: 21mm
- Motor Power: 4kw



More Images



Product Description

Biodegradable Extruder Machine

Biodegradable twin-screw extruder, biodegradable pellet making machine and biodegradable plastic pellet extruder making machine are equipment specially designed for the production of biodegradable materials.

These machines do not release toxic or harmful substances during the production process, meet strict environmental protection requirements, and the particles produced do not pose a threat to the environment.

Versatile Processing Capabilities: Offers excellent processing versatility for a wide range of biodegradable plastic materials, such as starch-based plastics and polylactic acid, and its twin-screw design provides excellent mixing and melting capabilities.

Quality control: A controlled extrusion process is used to maintain the uniformity and consistency of the pellet products, and the quality of the pellets is ensured through advanced temperature and pressure control systems.

Application fields: Biodegradable materials are widely used in the food and packaging fields, agricultural fields, and medical materials and equipment.

Market demand: With the improvement of environmental awareness and the increasing demand for sustainable development, the scale of the degradable materials industry is expected to grow significantly, and is expected to exceed 30 billion yuan by 2027.

Policy support: The Chinese government focused on the development of biodegradable materials during the "14th Five-Year Plan" period and issued a number of policies to support their development.

Technical challenges: Although progress has been made in the field of degradable materials, it still faces the challenges of insufficient core technology reserves, high production costs, and limited material application space.

Development suggestions: Strengthening core technology research and development, deepening the integration of innovative resources, accelerating the cultivation of characteristic industrial clusters and continuing to expand material application fields are suggestions for promoting the development of the degradable materials industry.

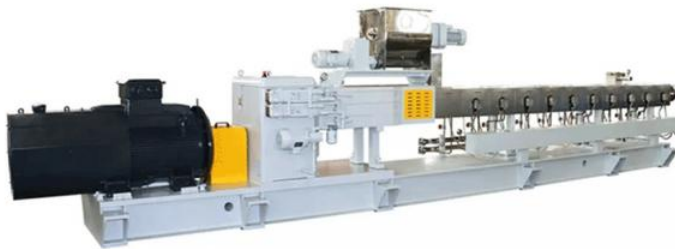
Importance of cleaning: Due to the rapid degradation of biopolymers, cleaning becomes very important. If the extruder is to be left for more than 1 to 2 hours, it is recommended to reduce the barrel heating or turn off the heating.

Protect the environment, care for the earth!

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







**100% Bio
Granules**

LHD Extruder



Extruder plastic machine



Granules



Bio Bag



Bio Straw



Bio Bowl



Bio Lunch Box



Bio Coffee Cup



Bio Knife Fork

PBAT PLA Starch CaCo3

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)

