



## Modular Twin-Screw Biodegradable Plastic Granulation Extruder with Wide Raw Material Adaptability and Customizable Output 200-800kg/h Pellet Making Machine

### Our Product Introduction

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#### Basic Information

- Place of Origin: Nanjing China
- Brand Name: HLD
- Certification: SGS/ISO9001/CE
- Model Number: TSE20B/35B/50B/65B/75B/95B
- Minimum Order Quantity: 1/set
- Price: : face to face /set
- Packaging Details: Bubble wrap/ Wrap film/ Wooden box
- Delivery Time: 35~45days
- Payment Terms: T/T
- Supply Ability: 200~500 set/year



#### Product Specification

- Screw Diameter: 62.4 / 71 / 91 Mm
- Screw Speed: 500 / 600 Rpm
- L/D Ratio: 44:1~56:1
- Motor Power: 110~250 KW
- Output: 200~800 Kg/h
- Screw Design: Modular Twin-screw
- Highlight: **Modular Twin-Screw Granulation Extruder ,  
Wide Raw Material Adaptability Extruder ,  
Customizable Output Pellet Making Machine**



#### More Images



#### Product Description

## Biodegradable Granulation Extruder Unit

Our biodegradable granulation extruder is specially designed for PLA, PBAT, PBS, PHA biodegradable plastic compounding and pelletizing.

- Modular twin-screw design
- Stable mixing and plasticizing performance
- Wide raw material adaptability for various degradable resins
- Customizable output from 200~800kg/h

### Application:

Produce pellets for food packaging film, agricultural film, disposable bags and tableware.

We supply complete extrusion line with auxiliary machines, turnkey project available.

Biodegradable Granulation Extruder Unit

## Application of biodegradable materials

Biodegradable plastics are mainly used as hard and soft food packaging materials because of their good degradability, which is also the biggest application field at present.

The main target markets for biodegradable plastics are plastic packaging film, agricultural film, single-use plastic bags and single-use plastic tableware. Compared with traditional plastic packaging materials, the cost of the new degradable materials is slightly higher. However, with the increasing awareness of environmental protection, people are willing to use new biodegradable materials with higher price to protect the environment. The increasing awareness of environmental protection has brought great opportunities for the development of biodegradable new materials industry.

## Main technical parameters of biodegradable granulation extruder

| Model | Screw diameter (mm) | Screw speed (rpm) | L/D Ratio | Main motor power (kw) | Output (kg/h) |
|-------|---------------------|-------------------|-----------|-----------------------|---------------|
| H-65  | 62.4                | 500 / 600         | 44:1~56:1 | 110~132               | 200~350       |
| H-75  | 71                  | 500 / 600         | 44:1~56:1 | 132~160               | 300~550       |
| H-95  | 91                  | 500 / 600         | 44:1~56:1 | 160~250               | 500~800       |

Note: The specifications are subject to change without prior notice.

H-65 degradable granulator

We provide polymer compounding extrusion equipment solution, modular design, twin-screw compounding extruder and auxiliary spare parts, overall turnkey project.  
Quality in heart, Service in action.

 **Nanjing Henglande Machinery Technology Co., Ltd.**

 +86 13813377529  952615433@qq.com  [extrudergranulator.com](http://extrudergranulator.com)

NO.11,Qinghu Road,Hushu Town,Jiangning District,Nanjing,china.