



## Customized Industrial Waste Recycling Plastic Pelletizer Extruder for Efficient Processing

Our Product Introduction

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### Basic Information

- Place of Origin: Nanjing China
- Brand Name: HLD
- Certification: SGS/ISO9001/CE
- Model Number: SJ100/SJ120/SJ150/SJ180/SJ200 And Others
- Minimum Order Quantity: 1/set
- Price: face to face /set
- Packaging Details: Bubble wrap/ Wrap film/ Wooden box
- Delivery Time: 28~45 Days
- Payment Terms: T/T,
- Supply Ability: 200~500 set/year



### Product Specification

- Screw Design: Single Screw
- Material: Steel
- L/D: Customized Size
- Voltage: Custome
- Warranty: 1 Year
- Heater: Custome
- Final Product: Plastic Scraps
- Color: Custome
- Output: Custome
- Plastic Processed: ABS, PLA/PETG
- Application: Plastic Recycling Industry
- Highlight: Customized Recycling Plastic Pelletizer Extruder , ISO9001 Waste Plastic Recycling Extruder



### More Images



### Product Description

Customized High-Performance Industrial Waste Plastic Recycling Extruder for Efficient Processing

## Product Overview

The equipment is suitable for high-volume production of 3D filament and can be customized for various materials and specific requirements. It supports materials such as PLA, ABS, PETG, and WPC. The machine features servo control for the winding unit, ensuring precise and neat winding.

The High-Precision Single-Screw Extruder Machine is expertly engineered for producing 3D printing filament from ABS and PLA materials. This advanced extruder provides precise control over the extrusion process, ensuring consistent filament diameter and enhanced material quality. With cutting-edge technology, it delivers high efficiency and reliability, making it well-suited for large-scale filament production. The machine's durable build and advanced control systems allow for precise adjustments and real-time monitoring, ensuring top-notch output and performance. Ideal for producing filaments that adhere to strict quality standards, this extruder is a crucial asset for 3D printing professionals.

## Feature&Function

Energy-saving, wire mesh environmental protection, plastics, increase production, increase plasticization, reduce labor, and provide new energy-saving effects for each granulation enterprise.

## Technical&Parameters

Filter material: imported special steel, surface heat treatment, hardness up to 68 °, and other white steel or tungsten steel

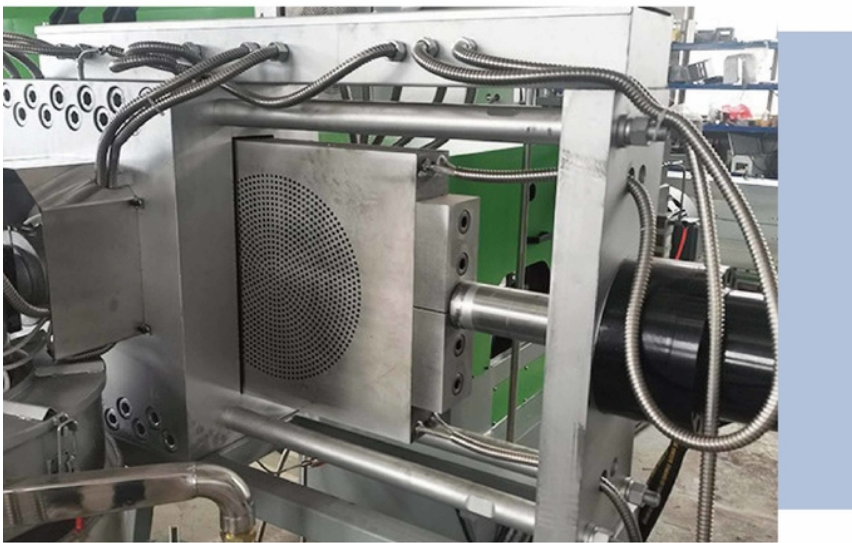
## Application

The High-Precision Single-Screw Extruder Machine for 3D printing filament, designed for ABS and PLA materials, is versatile and applicable across various industries. It is widely used in additive manufacturing and prototyping for creating detailed and accurate models in sectors like automotive, aerospace, and consumer electronics. The machine also supports educational and research institutions in material development and advanced manufacturing techniques. In the medical and dental fields, it enables the production of custom prosthetics and dental implants, requiring exact dimensions and biocompatibility. Additionally, it is employed in architectural modeling for detailed construction elements and in consumer goods manufacturing for custom-designed products, toys, and accessories. Its precise extrusion capabilities and reliable performance make it essential for producing high-quality 3D printing filament in numerous applications.

Model	L/D	Output
SJ-100	20~32	120~200kg/h
SJ-120	20~32	200~300kg/h
SJ-150	20~32	250~350kg/h
SJ-180	20~32	300~450kg/h
SJ-200	20~32	500~800kg/h

# Product details







## FAQ

**1:How many years of experience do you have?**

Over 15 years experience in extruder industry.

**2:Are you traders or manufacturers?What is the area of the factory?**

We are manufacturer,The factory is over 5000 square meters.

**3:Screw and barrel accessories, who is produced?**

Our factory manufactures it ourselves

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

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

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

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.

Finally, arrange delivery

**6: Provide technology and formula?**

For orders over a certain amount, we will provide the technology and formula to help you complete the project.

**7: Have a catalogue?**

[HLD Album.pdf](#)

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