



## High Speed Co-Rotating Twin Screw Plastic Extrusion Line

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: 35~45 Days
- Payment Terms: T/T,
- Supply Ability: 200~500 set/year



### Product Specification

- Name: Twin Screw Extruder
- Usage: Compounding
- Screw Diameter: 20.7,35.5,50.5 .63.4,71
- Material: Steel. 6542, 38CrMoAl
- Warranty: 1 Year
- Automatic Grade: Automatic
- After-sales Service Provided: Engineers Available To Service Machinery Overseas,Field Maintenance And Repair Service,Field Installation
- Application: Granules,Profile,Pipe,Sheet,Plates
- Voltage: 380V/50HZ,different
- Condition: New



### More Images



### Product Description

#### 1. Product Overview

The TSE-20/26/35/50/65/75/95 Twin Screw Extruder is engineered for high-torque, high-speed compounding applications.

Designed with modular principles, it offers exceptional flexibility for processing a wide range of materials, including [TPU, PET flakes, Flame Retardant Masterbatch]. With advanced processing technology, this machine ensures perfect dispersion, compounding, and pelletizing results.

## 2. Core Advantages

**High Efficiency & Output:** Optimized screw geometry ensures high throughput and excellent mixing quality.

**Modular Design:** Features customizable screw elements (e.g., precisely engineered 32-piece sets) and interchangeable barrels to meet specific compounding needs.

**Premium Materials:** Equipped with high wear-resistant bimetallic barrels and high-grade alloy screw elements for extended service life.

**Precise Control:** Integrated with advanced PLC control systems and high-precision melt pressure sensors for stable and safe operation.

**Energy Saving:** Optimized heating and cooling systems reduce energy consumption by up to [10%~20%].

## 3. Technical Specifications

### Lab Twin-Screw Extruder

Model	Screw Diameter (mm)	L/D Ratio	Main Motor Power (KW)	Max. Screw Speed (rpm)	Output Capacity (kg/h)
TSE-20B	21.7	32-52	4-7.5	600	2-10
TSE-25D/26D	25	32-52	11	600	5-25

### TSE Series Co-rotating Parallel Twin-Screw Extruder

Model(Standard )	Screw Diameter (mm)	L/D Ratio	Main Motor Power (KW)	Screw Speed (rpm)	Output Capacity (kg/h)
TSE-35	35.6	28-72	22,30,37,45	500,600,800	20-100
TSE-50	50.5	28-72	55,75,90,110,132	500,600,800	100-150
TSE-65	62.4	28-72	75-132	500,600,800	200-400
TSE-75	71	28-72	110-250	500,600,800,900	350-800
TSE-95	93	28-72	250-400	500,600,800,900	800-1500
Customizable Models	-	-	-	-	-

## 4. Applications

This extrusion line is highly suitable for:

**Polymer Compounding:** Blending, filling, and modifying plastics.

**Masterbatch Production:** Color masterbatch, flame retardant masterbatch equipment, and functional additives.

**Recycling:** High-value recycling of PET flakes, scrap films, and edge trims.

**Specialty Plastics:** TPU processing, biodegradable materials (PLA/PBAT).

## 5. Service & Global Support

We don't just sell machines; we provide complete engineering solutions.

**Pre-sales:** Customized machine configuration and layout design.

**Production:** Strict quality control with regular video updates during manufacturing.

**After-sales:** Global shipping (experienced in delivering to regions like Australia, South Asia, etc.), fast spare parts delivery, and remote/on-site installation guidance.

### Ready to upgrade your extrusion production?

For quick technical support or a customized quote, feel free to reach out directly:

Email: [catherine@hldextruder.com](mailto:catherine@hldextruder.com)

WhatsApp / WeChat: [+86 13016994160](https://wa.me/8613016994160)

*\* Tip: We typically respond within 12 hours with detailed machine configurations and pricing.*

 Nanjing Henglande Machinery Technology Co., Ltd.

 +86 15251884557  [jayce@hldextruder.com](mailto:jayce@hldextruder.com)  [extrudergranulator.com](http://extrudergranulator.com)

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