



## High Torque Co-Rotating Twin Screw Extruder for Plastic Compounding & Recycling

Our Product Introduction

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### Basic Information

- Place of Origin: Nanjing China
- Brand Name: HLD
- Certification: SGS/ISO9001/CE
- Model Number: H-TSE35B/50B/65B/75B/95B
- Minimum Order Quantity: 1/set
- Price: face to face /set
- Packaging Details: Bubble wrap/ Wrap film/ Wooden box
- Delivery Time: 30~45 Days
- Payment Terms: T/T,
- Supply Ability: 200~500 set/year



### Product Specification

- Name: Twin Screw Extruders For Masterbatch
- Main Features: High Torque/High Output/High Efficiency
- Application: Plastic, Rubber, Food, Chemical, Pharmaceutical
- Electric Parts: LG, FUJI, Omron Etc
- Screw Design: Double-screw
- After-sales Service Provided: Engineers Available To Service Machinery Overseas, Video Technical Support, Field Maintenance And Repair Service, Online Support, Field Installation
- Warranty: 1 Year
- Processing Type: Extruding Machine, Co-extrusion, Pipe Board Sheet Extrusion



### Product Description

Our Co-Rotating Twin Screw Extruder is designed for high-efficiency plastic compounding, masterbatch production, filler modification, and recycling pelletizing applications.

The machine features a modular screw configuration system, allowing flexible combination of screw elements and kneading blocks according to different material formulations. It ensures excellent mixing performance, stable output, and consistent pellet quality.

**Key Features:**

- High torque gearbox for stable and powerful output
- Modular screw design for customized processing
- Precise temperature control system
- Energy-efficient operation
- Durable alloy steel screws and barrels
- Easy maintenance and long service life

**Suitable Materials:**

PP, PE, ABS, PS, PC, PA, PET, EVA and engineering plastics.

**Typical Applications:**

- Black masterbatch production
- Color masterbatch manufacturing
- CaCO<sub>3</sub> filler compounding
- LFT long fiber reinforcement
- PP/PE film recycling pelletizing

As a professional twin screw extruder manufacturer in China, we provide customized solutions according to customer production requirements.

Model	L/D	Output
H-20B	28~60 :1	5~20kg/h
H-36B/40B	28~60 :1	60~150kg/h
H-50B/52B	28~60 :1	150~250kg/h
H-65B	28~60 :1	300~500kg/h
H-75B	28~60 :1	500~750kg/h
H-95B	28~60 :1	800~1500kg/h

**Applications**

Filling modification	PE, PP, EVA, ABS, PC, PS, etc.+calcium carbonate, talc, glass beads, SiO <sub>2</sub> , aluminum hydroxide. Magnesium hydroxide, brocade oxide, sulfuric acid
Blending modification (rubber and plastic compounding, plastic alloy)	PP, PA, ABS, etc. + iron powder, magnetic powder, aluminum powder, stainless steel wire, ceramic powder PE, PP, PS+SBS, PP, PA+EPDM, POE, PP+NBR, EVA + silicone rubber, etc. PA, PC+ABS: ABS+TPU: PBT+PET: PP+PE, etc.
Masterbatch	PE, PP, ABS, EVA, PS, PBT, PET, etc. + pigments and other additives Biodegradable masterbatch: PE, PS, PP + starch, etc. Flame retardant masterbatch: PE, PP, PA, ABS, PBT, etc. + flame retardants and other additives
Functional masterbatch	Polyethylene master batch, anti-fog and anti-aging, high thermal insulation masterbatch, cooling masterbatch, rheology modified masterbatch anti-rust masterbatch, stiffening masterbatch, antistatic masterbatch, antibacterial masterbatch Carbon black masterbatch: PE, EVA, ABS, PET, etc. + carbon black
Glass fibre (Carbon fibre) Reinforcement (MD model short fibre)	PP, PBT, ABS, AS, PA, PC, POM, PET, PEEK, PPO, PES, etc. + long glass fiber or short glass fiber PP, PBT, ABS, AS, PA6, PA66, PC, POM, PET, etc. + long carbon fiber or short carbon fiber
Thermoplastic elastomer	TPR, TPU, TPV, SBS, SEBS, SIS, etc EVA, PU hot melt adhesive, silicone adhesive, UHMWPE spinning Fluororubber, fluoroplastics, LCP, PEEK, PES, PL, PSU, etc.
Special material	Optical cable covering material, acetate fiber, PP cigarette filter material, conductive plastic TPR, PU, EVA foam sole material Luminous plastics, antibacterial plastics, anti-UV plastics, PE cross-linkable pipe materials food, pet feed HDPE, LDPE, LLDPE, MDPE, PP, EVA Insulation material, sheath material, PF Radiation cross-linked cable material, PE Silane cross-linked cable material
Various cable materials	Flame retardant polyolefin cable materials, low smoke halogen-free flame retardant cable materials Low smoke and low halogen flame retardant PVC cable material
Reactive extrusion	Polyamide polycondensation reaction, polyester melt polymerization reaction, polyurethane polycondensation reaction, polycarbonate polycondensation reaction, polyoxymethylene bulk continuous polymerization reaction, PMMA polymerization
Devolatilization	Chlorinated polypropylene, chlorosulfonated polyethylene, fluorine rubber, butadiene rubber, SBS, EPDM, SEBS, SIS, etc.
Powder coating	Polyester type, epoxy type, acrylic vinegar type, polyurethane type, acrylic vinegar, phenol resin, etc.





## 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](#)

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

 +86 15251884557

 jayce@hldextruder.com

 extrudergranulator.com

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