



## High-Precision Twin Screw Pelletizing Machine for Color Masterbatch & Additive Compounds

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/H-TSE50B/H-TSE65B/H-TSE75B/H-TSE95B
- 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
- Application Scope: Specifically Engineered For Color Masterbatch, White Masterbatch, And Additive Concentrates (UV, FR, Anti-static)
- Screw Design: Twin Screw
- Screw Configuration: Customizable Segmented Screw Elements To Ensure Precise Pigment Dispersion And Additive Distribution
- Pellet Uniformity: Produces Smooth, Consistent Pellets With  $\pm 0.1g$  Weight Tolerance For Downstream Injection And Film Applications
- Feeding System: Volumetric Or Gravimetric Feeder With Precision Dosing For Pigments And Micro-additives
- Heater: Copper Or Aluminum Heater/Heating Rods
- OEM: Support
- Transport Package: Wooden Box, Bubble Film, Wrapping Film
- Output: 50kg/h~custom



### More Images



### Product Description

**Product Description** This high-precision twin screw pelletizing machine is engineered for producing color masterbatch and

additive compounds with excellent dispersion and consistency. It features a modular screw design for optimized mixing, accurate temperature control, and stable pressure output. Suitable for a wide range of carrier resins such as PE, PP, EVA, and PS, it ensures uniform pellet size and brilliant color quality. The system supports fast color changes and is compatible with UV stabilizers, flame retardants, anti-static agents, and other functional additives. Ideal for film blowing, injection molding, and extrusion-grade applications, this machine delivers high output with energy-efficient performance.

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

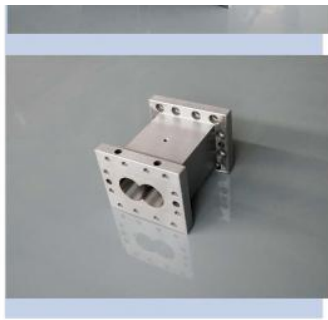
Filling modification	PE, PP, EVA, ABS, PC, PS, etc+calcium carbonate, talc, glass beads,
	SiO <sub>2</sub> , aluminum hydroxide. Magnesium hydroxide, brocade oxide, sulfuric acid
	PP, PA, ABS, etc. + iron powder, magnetic powder, aluminum powder, stainless steel wire, ceramic powder
Blending modification(rubber and plastic compounding, plastic alloy)	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.

## 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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