



## Versatile Twin-Screw Extruder For Efficient Processing Of PVC , ABS And PET Materials With High-Precision Output

Our Product Introduction

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### Basic Information

- Place of Origin: Nanjing China
- Brand Name: HLD
- Certification: SGS/ISO9001/CE
- Model Number: H-TSE65B/H-TSE75B/H-TSE65B/H-TSE95B
- 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 Extruder
- Screw Diameter: 150~1200kg/h
- L/D: 28 1~60
- Pelletizing Method: Water Strand
- Voltage: 380V, 380V 50HZ 3Phase(Customized), 220V/380V, Customized, AC
- Screw Design: Double Screw
- Application: Granules, Plastic Masterbatch
- Warranty: 1 Year
- Highlight: **Efficient Processing Twin Screw Extruder, ABS Twin Screw Extruder, High Precision Twin Screw Extruder**



### More Images



### Product Description

Our **Versatile Twin-Screw Extruder** is engineered to handle a wide range of materials, including PVC, ABS, and PET, ensuring top-tier processing efficiency and high-precision output for various applications in the plastics industry. This state-of-

the-art extruder offers exceptional flexibility, making it the perfect solution for manufacturing products like profiles, sheets, films, and compound materials.

**Key Features:**

**Dual-Screw Configuration:** The twin-screw design enables superior material mixing, homogenization, and dispersion, resulting in consistent quality and smooth processing of diverse resins.

**Advanced Temperature Control:** Equipped with precise temperature control systems, our extruder ensures optimal processing conditions for each material, preventing degradation and maintaining high output quality.

**High Throughput Capacity:** Designed for both small-scale and large-scale production, this extruder delivers high throughput with minimal waste, reducing operational costs.

**Versatile Compatibility:** Perfectly suited for PVC, ABS, and PET, this machine can accommodate different formulations and applications, offering unparalleled flexibility for a wide range of production needs.

**High-Precision Output:** With enhanced screw designs and advanced control systems, the extruder ensures precise output dimensions, improving product consistency and reducing scrap rates.

**Energy Efficiency:** Featuring energy-efficient motors and optimized screw profiles, this extruder minimizes energy consumption while maintaining peak performance.

**Easy Maintenance:** With a user-friendly interface and simplified design, the machine allows for quick maintenance and easy part replacements, minimizing downtime.

**Applications:**

PVC, ABS, and PET profiles, sheets, and films

Plastic compound production

Specialty materials and alloys

Medical, automotive, and consumer goods manufacturing

Whether you are processing rigid or flexible materials, our versatile twin-screw extruder provides the reliability and precision needed to meet the most demanding production requirements. Enhance your manufacturing capabilities and achieve higher productivity with this cutting-edge extrusion technology.

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,
	SiO2, 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
Various cable materials	HDPE, LDPE, LLDPE, MDPE, PP, EVA Insulation material, sheath material, PF Radiation cross-linked cable material, PE Silane cross-linked cable material
	Flame retardant polyolefin cable materials, low smoke halogen-free flame retardant cable materials
Reactive extrusion	Low smoke and low halogen flame retardant PVC cable material
	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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