



Compounding Single Screw Plastic Pelletizing Extruder For Color Masterbatches

Our Product Introduction

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Basic Information

- Place of Origin: Nanjing China
- Brand Name: HLD
- Certification: SGS/ISO9001/CE
- Model Number: 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: Plastic Compounding Screw Extruder
- Color: Any Color As Your Require
- Automaticity: Working Automatically
- Screw: Twin Screw
- Capacity: 40-800 Kg/H
- After Warranty Service: Video Technical Support, Online Support, Spare Parts, Field Maintenance And Repair Service
- Marketing Type: New Product 2024
- Place Of Origin: Jiangsu, China
- Highlight: **Single Screw Color Masterbatches Extruder, Compounding Plastic Pelletizing Extruder, 250kg/h Plastic Pelletizing Extruder**



More Images



Product Description

Plastic Compounding Screw Extruder for Color Masterbatches/Single Screw Plastic Granulator

The Co-Kneader, a mild-shear rotating and reciprocating single-screw extruder, is designed for shear and temperature sensitive compounds. The flights on the screw are interrupted and interqt with three rows of stationarv kneadina pins located in the barrel wall. The interaction between the moving flights and the stationary pins provide dispersive and distributive mixing simultaneously. Axially opened split barrel guarantees ease of cleaning. Those splined, segmented screw elements and pins can be changed easily according to different processing techniques. In addition, some pins are hollow inside, thermocouples can be inserted to get the accu- rate temperature of the materials inside the barrels, so as to liquid additives injection. Different from other extruders, the kneading process is achieved radially and axially at the same time. All in all, Co-Kneader has outstanding kneading, mixing efficiency and high degree of self-wiping. It is the most suitable for compounding purposes.

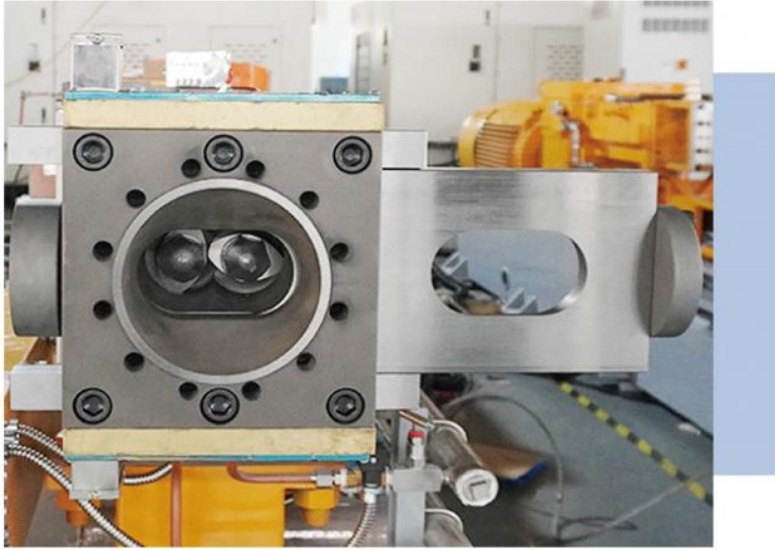
Model	L/D	Output
H-20B	28~60 :1	5~20kg/h
H-36B/40B	28~60 :1	60~150kg/h
H-50B/52B	28~60 :1	150~250kg/h
H-65B	28~60 :1	300~500kg/h
H-75B	28~60 :1	500~750kg/h
H-95B	28~60 :1	800~1500kg/h

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 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](#)

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



+86 15251884557



jayce@hldextruder.com



extrudergranulator.com

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