Biodegradable Plastic Twin Screw Extruder with Modular Screw Configuration and 38CrMoAlA Nitrided Steel Barrel for Co-Rotating Twin Screw Pelletizer

Our Product Introduction

Basic Information

- Place of Origin: Nanjingchina
- Brand Name: HLD
- Certification: SGS/ISO9001/CE
- Model Number: TSE 35.50.65.75
- Minimum Order Quantity: 1/set
- Price: face to face/set
- Packaging Details: Bubblewrap/wrap film/wooden box
- Delivery Time: 35~45days
- Payment Terms: T/T
- Supply Ability: 200-500set/year



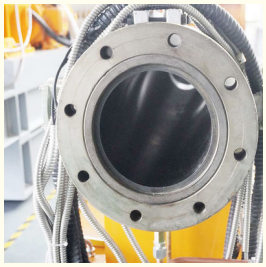
Product Specification

- Screw Diameter: 20mm - 120mm
- Motor Power: 5 KW - 200 KW
- Screw Material: 38CrMoAlA Nitrided Steel
- Cooling System: Water / Air Cooling
- Motor Speed Control: Delta Inverter
- Package Size: 1200.00cm * 230.00cm * 270.00cm
- Highlight: **Biodegradable Plastic Twin Screw Extruder**, **Modular Screw Configuration Twin Screw Pelletizer** , **38CrMoAlA Nitrided Steel Twin Screw Extruder**



More Images









Product Description

Product Overview

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The SHJ series co-rotating parallel twin screw extruder is professional equipment engineered for plastic compounding and pelletizing. It is designed to process biodegradable plastics such as PLA, along with EVA, TPU, TPE, and a wide range of reinforced composite materials.

Construction & Design

The barrel and screw are manufactured from 38CrMoAlA nitrided steel, delivering excellent wear resistance for demanding production environments. The modular structure allows flexible screw configuration, enabling the machine to be adapted to different mixing and compounding requirements.

Applicable Materials

Engineering Plastics

- PP, PE, ABS
- PA6, PA66, PC, POM

Biodegradable & Elastomers

- PLA biodegradable plastic
- EVA, TPU, TPE

Modified & Reinforced Compounds

- Color masterbatch
- Flame retardant modified material
- Glass fiber / carbon fiber reinforced material
- Filled composite material

Optional Configurations

Feeding Systems	Loss-in-weight feeder, side feeder
Liquid Handling	Liquid injection system
Venting	Multi-stage vacuum venting
Pelletizing Systems	Water-ring hot cutting, strand pelletizing system

Service & Support

> Our factory supplies complete turnkey pelletizing lines. Engineers can travel overseas for installation, commissioning, and technical training. We offer a 1-year warranty and long-term technical support. Customization is available to meet your specific production requirements.

Nanjing Henglande Machinery Technology Co., Ltd.

+86 13813377529 952615433@qq.com extrudergranulator.com

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