Flexible Screw Design Twin Screw Extruder and Twin Screw Pelletizer with Robust Construction and High Torque

Our Product Introduction

Basic Information

- Minimum Order Quantity: 1
- Price: 120000
- Delivery Time: 15-30 work day
- Payment Terms: T/T
- Supply Ability: 150-200set/year



Product Specification

- Screw Diameter: 75 Mm
- Length-Diameter Ratio: 40:1
- Motor Power: 110 KW
- Output Capacity: 300-600 Kg/h
- Screw Configuration: Parallel Co-directional Twin-screw
- Control Method: PLC And Touchscreen
- Highlight: **Flexible Screw Design Twin Screw Extruder**, **Robust Construction Twin Screw Pelletizer**, **High Torque Twin Screw Extruder**



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Product Description

Product Overview

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The Model 75 twin-screw extruder granulator is a medium- to high-capacity plastic modification extrusion system suitable for a wide range of plastics, including PP, PE, PA, ABS, PLA, and PBAT. It supports processes such as glass-fiber reinforcement, filler modification, toughening blending, and the granulation of degradable materials. With stable output and excellent mixing performance, it is ideal for large-scale industrial production and is widely adopted by plastic modification plants and new-material enterprises.

Design & Construction

The entire unit features a parallel, co-directional twin-screw configuration, a high-torque heavy-load gearbox, independent temperature control for each section of the barrel, and a water-cooled circulation system for stable temperature regulation. Screw components can be freely assembled and replaced to accommodate different modified formulations. The system is equipped with a stainless-steel main feed hopper and a PLC touch screen for centralized control of rotational speed, temperature, and feed rate, providing intuitive operation.

The barrel and screws are constructed from wear-resistant alloy steel, offering excellent wear resistance and corrosion resistance, a long service life, convenient material replacement and cleaning, and highly continuous production. As a result, this unit serves as the primary model for modified pelletizing.

Reference Parameters

Model	SHJ-75
Screw Diameter	75 mm
Length-to-Diameter Ratio	40:1 (customization available)
Motor Power	110 kW
Output	300–600 kg/h
Control Method	PLC and touchscreen control
Applicable Processes	Plastic glass-fiber reinforcement, filler modification, gold co-mixing, and granulation of biodegradable materials

Product Images





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