

PE PP Plastic Recycling Pelletizer

This machine is engineered for recycling polyethylene (PE) and polypropylene (PP) plastic waste. It efficiently processes plastic scraps into high-quality pellets suitable for reuse.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Recycling Solution

The SJ series Single Stage Agglomerated Type Pelletizing Line is a specialized solution engineered for processing industrial plastic waste, including poly bags, printed packing films, and PP woven sacks. Utilizing advanced European technology, the system features an integrated agglomerator that eliminates the need for a separate crusher, streamlining the recycling workflow. With a vacuum degassing zone, it effectively handles heavy printed film waste to produce high-quality, uniform pellets suitable for various manufacturing applications.

Technical Specifications

Processing Capacity

100 kg/h

Minimum Capacity

500 kg/h

Maximum Capacity

Power Requirements

380V to 480V, 50/60Hz

Compatible Materials

PE, PP, Poly bags, Printed packing film, PP woven sack, Agriculture film

Features

Key Features

- Integrated agglomerator for direct film processing
- Vacuum degassing zone for printed waste
- European-standard screw design
- Precision control panel for temp/speed/pressure
- Robust construction for continuous operation

System Components

Feeding Unit • High-speed Crusher • Washing/Drying System • Extrusion Unit • Pelletizing Unit • Cooling/Sorting System