

PE PP Plastic Pelletizer

This PE PP plastic pelletizer is engineered for recycling polyethylene (PE) and polypropylene (PP) plastic materials. It transforms plastic waste into high-quality pellets suitable for various manufacturing applications.



ADDITIONAL IMAGES



Overview

Industrial PE/PP Recycling Solution

This double-stage pelletizing line is engineered for high-efficiency processing of industrial plastic waste, including poly bags, printed packing films, and PP woven sacks. By integrating an agglomerator and vacuum degassing zones, the system effectively handles both clean and heavily printed film waste without requiring separate crushing steps. The machine utilizes advanced extrusion technology and water-ring pelletizing to produce uniform, high-quality plastic granules suitable for various manufacturing applications.

Technical Specifications

Production Capacity

100 kg/h
Minimum Output

1000 kg/h
Maximum Output

Key Control Components

- Schneider contactor
- OMRON temperature controller

Compatible Materials

PE, PP, Poly Bags, Printed Packing Film, PP Woven Sacks, Agriculture Film

Contact Parts Material

304 Stainless Steel

Features

Key Capabilities

- Double-stage extrusion design
- Vacuum degassing zone for printed waste
- Integrated agglomerator
- Water-ring pelletizing system
- Multi-station automatic screen changer

Operational Advantages

Highly Automatic • Energy Efficient • User-Friendly • Pollution-Free