

PE PP Plastic Recycling Granulation System

The PE PP plastic recycling granulation system processes polyethylene and polypropylene waste into reusable plastic granules. This system integrates material feeding, crushing, washing, drying, and pelletizing for high-quality output.



Overview

Comprehensive Recycling Solution

The PE, PP Recycling & Granulating System is a comprehensive solution designed to process and convert polyethylene (PE) and polypropylene (PP) waste materials into high-quality, reusable plastic granules. By integrating material feeding, crushing, washing, drying, and pelletizing into a single streamlined process, the system ensures efficient material recovery. It is specifically engineered for high throughput, energy efficiency, and minimal material degradation, making it an ideal choice for professional plastic recycling facilities.

Technical Capabilities

Processing Stages

- Material Feeding
- Crushing
- Washing
- Drying
- Pelletizing

Key Features

High Throughput, Energy Efficient, Minimal Material Degradation, Optimized Extruder Screw, Integrated Screen Changer

System Components

Core Components

Component	Function
Extruder	Melting and mixing of plastic
Screen Changer	Filtering out impurities
Water Cooling System	Consistent pellet formation
Granulating Unit	Cutting strands into uniform granules