

PET Bottle Recycling Line for Plastic Flake Production

This PET bottle recycling line is designed for efficient processing of post-consumer PET bottles. The system includes a conveyor belt for material transport, a shredder for size reduction, and components for washing, sorting, and drying to produce high-quality PET flakes suitable for reuse.



Overview

PET Bottle Recycling Solution

This PET bottle recycling line is engineered for the efficient processing of post-consumer PET bottles into high-quality flakes. Designed for continuous operation and high throughput, the system integrates essential stages including material transport, size reduction, washing, and drying. It provides a robust solution for sustainable waste management and plastic circular economy applications.

System Components

Process Stages

- Conveyor belt material transport
- Industrial shredding for size reduction
- Washing and decontamination
- Sorting and separation
- Drying

Operational Mode

Continuous Operation • High Throughput

Performance

Primary Application

PET Recycling, Plastic Flake Production, Waste Management