

PET Bottle Recycling System

This industrial recycling system is engineered for processing PET bottles. It incorporates material transport, size reduction, separation, washing, and drying stages to produce clean PET flakes or pellets for reuse.



Overview

Industrial PET Recycling Solution

This industrial recycling line is engineered for the efficient processing of PET bottles, transforming post-consumer waste into high-quality flakes or pellets. The system integrates a comprehensive material handling workflow, including conveyor transport, size reduction via shredding or grinding, and advanced separation stages. Designed for high throughput, it ensures effective contaminant removal, washing, and drying to meet rigorous industry standards for material reuse.

System Capabilities

Processing Stages

- Material Conveying
- Size Reduction (Shredding/Grinding)
- Contaminant Separation
- Washing
- Drying

Output Material

Clean PET Flakes, PET Pellets

Equipment Features

Key Components

Conveyor System • Shredding Unit • Grinding Unit • Separation Module • Washing Unit • Drying Unit