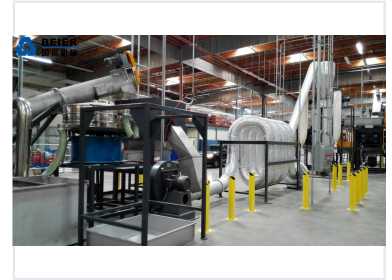
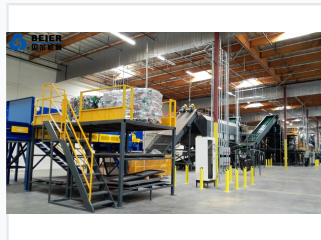


# Food Grade PET Bottle Washing Recycling Line

This high-capacity PET bottle washing and recycling line is designed for food-grade applications. It efficiently processes and cleans PET bottles, transforming them into high-quality recycled materials suitable for reuse.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency PET Recycling System

This industrial-grade PET bottle washing and recycling line is engineered to transform post-consumer PET bottles into high-quality, food-grade flakes. The system employs a multi-stage process including pre-washing, sorting, crushing, and hot washing to ensure rigorous contaminant removal. Designed for large-scale operations, it provides consistent throughput while maintaining strict environmental and hygiene standards.

## Output Quality

### Flake Quality Standards

Contaminant	Maximum Level
Moisture	<0.9%
PVC	<15ppm
PE/PP	<15ppm
Metal	<5ppm
Glue	<10ppm
Wood	<5ppm
Labels	<5ppm
Others	<15ppm
Total Impurity	<70ppm

Flake Size	10 mm
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## Plant Parameters

### Capacity Configurations

Capacity	Power Requirement	Area Required	Labor Required	Water Supply
2000kg/h	530KW	900m <sup>2</sup>	6 persons	3 ton/h
3500kg/h	900KW	1000m <sup>2</sup>	7 persons	4 ton/h

## Production Consumption

### Production Consumption Rates

**280 kg/ton**  
Water Loss

**12 kg/ton**  
Washing Detergent

**500 kg/ton**  
Steam Consumption