

# PET Bottle Crushing and Washing Line

This machine efficiently crushes and washes PET bottles for recycling processes. It integrates a high-capacity crusher and washing unit to remove contaminants.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency PET Recycling Solution

This industrial PET bottle crushing and washing line is engineered to transform dirty waste bottles into high-quality, clean PET flakes suitable for further processing. The system automates the entire recycling workflow, including label removal, crushing, multi-stage washing, and drying. Designed for continuous industrial operation, it ensures high output and purity, making it an essential asset for facilities producing PSF, filament yarn, or PET sheets.

## Performance

### Final Moisture Content

**1 %**

Moisture Content

### Key Features

Labor Saving, PLC Automatic Control, Wet Grinding, Customizable Design

## System Components

### Process Flow & Components

Step	Component	Function
1	Bale Opener	Feeding material equally
5	Label Remover	Remove labels from bottles
7	Crusher	Crushing bottles into flakes
11	Hot Washing Tank	Remove glue, oil, and dirt
16	Horizontal Dewatering Machine	Remove humidity from flakes
18	Air Classifier	Remove fine dust and small labels

### Optional Equipment

Metal Detector • Europe Automatic Material Sorting • Color Sorting System

## Applications

### Typical Applications

- 2-D and 3-D PSF
- Filament yarn
- PET strap
- PET sheet
- PET film