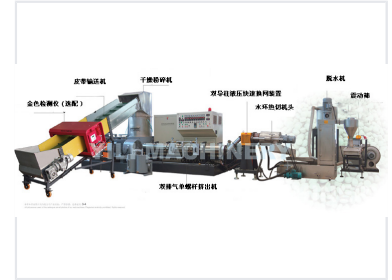


Plastic Recycling Granulation Line

This plastic recycling granulation line processes plastic waste into granules. It features a belt conveyor, dry crusher, single-screw extruder, water ring pelletizer, and dewatering machine.



Overview

High-Efficiency Plastic Recycling Granulation Line

This advanced granulation line is engineered for the continuous processing of plastic waste into high-quality recycled granules. The system integrates size reduction, melt filtration, and precise pelletizing into a single streamlined workflow. Designed for industrial reliability, it ensures consistent output while maintaining material integrity throughout the recycling process.

System Components

Line Components

- Belt Conveyor
- Dry Crusher
- Single-Screw Extruder (Double Venting)
- Hydraulic Screen Changer
- Water Ring Pelletizer
- Dewatering Machine
- Vibrating Screen

Optional Features

Color Sorting Detector

Process Flow

Recycling Workflow

Stage	Function
Feeding	Belt conveyor material intake
Size Reduction	Dry crusher processing
Extrusion	Single-screw melting and homogenization
Filtration	Hydraulic screen changing
Pelletizing	Water ring cutting
Drying	Dewatering and vibrating screen separation