

Plastic Pelletizer Grinding Machine with Claw Crusher

This machine is designed for grinding plastic materials, including PET bottles, into pellets. It utilizes a claw crusher mechanism, which is particularly effective for large plastic pieces and high-hardness materials.



ADDITIONAL IMAGES



Overview

PRODUCTS DESCRIPTION

Claw granulator
BROKEN RECYCLING SERIES



The robust claw-type rotor design is engineered for efficient grinding of various plastic types.

High-Efficiency Claw Crusher for Plastic Recycling

This plastic pelletizer is specifically engineered for processing high-hardness materials such as large plastic heads, shoe lasts, and PET bottles. Featuring a specialized claw-shaped knife design, it disperses force to maximize cutting efficiency while ensuring uniform granulation with minimal powder production. Built for industrial durability, the machine integrates noise-reduction technology and comprehensive safety features, making it an ideal solution for injection molding, chemical, and pharmaceutical recycling applications.

Technical Features

FEATURES:

- 1 The structure of the blade knife is between the Sichuan knife and the flat knife. It is suitable for crushing ordinary sheets, pipe forests, profiles, plates and packaging materials and other plastic products and sprue openings.
- 2 Adopt front blade, blade extension length is adjustable.
- 3 High cutting efficiency, heat treatment of tool holder.
- 4 The shape of the formed particles is uniform and the powder is small.
- 5 High-quality sealed bearings are used to keep the bearings running well for a long time.

Adjustable blade extension and heat-treated holders ensure high cutting efficiency and uniform particle shapes.

Blade & Cutting System

- CR12MOV claw-shaped knife for force dispersion
- Super hardness blades with adjustable extension length
- Heat-treated tool holder for high cutting efficiency
- Optimized knife holder design for improved sheer force
- Uniform particle formation with low powder output

Core Components



Equipped with high-quality electrical components and a durable all-copper wire motor for reliable performance.

Key Components

100 %

Copper Wire Motor

4 sides

Double-Sided Hopper Walls

Electrical & Control

Siemens Electrical Components, Magnetic Switch, Ammeter, Emergency Stop Switch, Plug-in Travel Switch

Applications

Target Industries

- Injection Molding
- Food Processing
- Pharmaceutical
- Chemical Industry
- Plastic Recycling Plants

Suitable Materials

PET Bottles, Plastic Heads, Shoe Lasts, Profiles, Pipes, Packaging Materials, Sprue Openings

Safety & Maintenance

Safety & Protection

- Material blocking curtain to prevent ejection
- Motor protection cover
- Emergency stop mechanism
- High-quality sealed bearings for long-term operation

Low Noise Design

Double-sided Hopper Structure

Maintenance

Yes