

# Medium Speed Plastic Recycling Granulator

The medium speed granulator is designed for placement near injection molding machines and integrates with powder conveying and drying systems. This machine efficiently reduces material waste and manpower loss, enhancing work efficiency and minimizing material pollution.



## ADDITIONAL IMAGES



## Product Overview



Physical dimensions and design layout of the AMG-3000 model.

### Efficient Plastic Recovery Solution

This medium-speed granulator is engineered for seamless integration with injection molding machines, dryers, and powder conveying systems to form a rapid recovery loop. Its upward-feeding hopper design optimizes workflow by facilitating the use of manipulators and transport belts, significantly reducing manual labor and material waste. Designed for continuous, all-day operation, this unit offers a compact footprint and energy-efficient performance suitable for various industrial environments.

## Key Features

### FEATURES:

- 1 Small size, small footprint.
- 2 Low dust, low noise, low energy consumption.
- 3 Medium-speed design, can crush nozzle material and defective products.

Key operational benefits including compact footprint and low environmental impact.

### Main Advantages

Compact footprint, Low noise operation, Energy efficient, Continuous operation, Easy maintenance, Microcomputer control

## Technical Details



Detailed view of high-efficiency motor, hardened steel blades, and smart control systems.

### Cutting Mechanism

- High-hardness SDK-11 die steel cutters
- 61HRC blade hardness
- Optimized meshing angle for uniform output
- Suitable for nozzle material and defective products

### Motor & Drive

**1 Pure Copper**

Core Material

**61 HRC**

Blade Hardness

## Safety & Control

### Safety Systems

Overload protection • Shortage alarm • Security snap • Emergency stop • Protective enclosure

## Operational Specs

### System Integration

- Injection molding machines
- Dryers
- Dehumidifiers
- Chillers
- Powder conveying systems

### Compatible Industries

Injection molding, Food processing, Pharmaceutical, Chemical