

**RECYCLING**

Low Temperature Plastic Granulator — with filter

Air-cooled low temperature granulator with high-speed screen changer for contaminated scrap — 90 – 100 kg/h, no water needed.

**90 – 100 kg/h**

OUTPUT

18.5 kW

MAIN MOTOR

**High-speed screen
changer**

FILTER

Air — no water

COOLING

A low temperature granulator with a high-speed screen changer that filters the molten plastic before it is cut into pellets — for scrap that contains dirt, paper, print or other contamination.

It is air cooled and cuts the pellets hot at the die face, so it needs no water. It starts without a preheating stage and can work alongside a production line or on its own.

TECHNICAL PARAMETERS

Max. output	90 – 100 kg/h
Screw & barrel diameter	100 mm
Main motor	18.5 kW, China brand
Gearbox	Size 173, China brand
Air blower	1.1 kW × 2, China brand
Filter	1 high-speed screen changer, manual operation
Cutter knives	10 pcs
Cooling	Air, hot die-face cutting
Voltage	380 V, 50 Hz, 3 phase
Dimensions (L×W×H)	245 × 170 × 180 cm

APPLICABLE MATERIALS

Materials	LDPE, HDPE, degradable materials, powder materials, scrap materials, thin film, pipe material, crisp bags, courier bags, vest bags and drip irrigation tape
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KEY FEATURES

- Low temperature granulation — the molecular structure of the plastic is not damaged.
- Air cooled with hot die-face cutting — no water, no smoke, no dust.
- No preheating stage — the machine starts directly.
- Uniform, high-density pellets.
- Can run alongside a production line or on its own.
- Compact, with sound insulation inside the machine cabinet.

PHOTOGRAPHS



Finished pellets

WARRANTY & AFTER-SALES SERVICE

Every machine carries a warranty of one (1) year from the date of commissioning, covering the repair or replacement of parts in case of manufacturing defects. It does not cover malfunctions resulting from misuse, neglect or external factors such as unstable power, accidents, tampering or force majeure, nor wearing parts consumed in normal operation — sealing knives and cutting blades, Teflon tape, heaters, filters and screens.

Installation, commissioning and operator training are arranged by Miroplastic, and an operating manual is supplied with each machine. Technical support is available by telephone and email during the warranty period and thereafter. Spare parts and consumables are available from Miroplastic.

Photographs are for reference only. Miroplastic reserves the right to improve the specification of its machines without prior notice. Actual output depends on the material, width and thickness run.

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