

Your Reliable Partner for Plastic
SIZE REDUCTION
&
REUTILIZATION



The PRIMETECH GRANULATORS are comprehensively designed and manufactured for extruded and general recycling needs. The range and versatility of evacuation systems offered make this a popular model for pipes, profile and general recycling applications.

A variety of pipes & profile feed chute and in feed hopper designs are available and are standard.

Large rotor in feed area Granulator for in- and off-line grinding of extruded pieces and general scraps. Grinding chamber with traditional inclined cut allows for intake of heavy and trimmed scraps. Grinding chamber in anti-wear steel to 746 Vickers Rotary blades are standard.

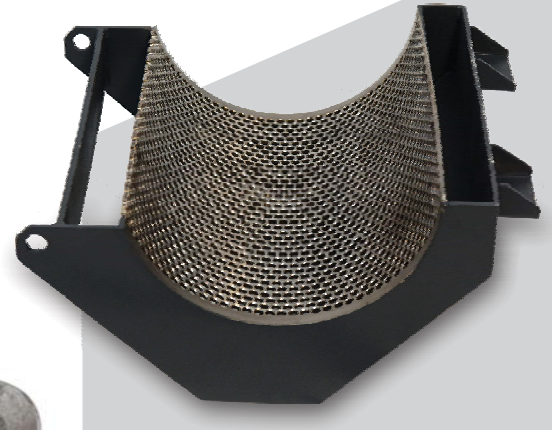
Manual feeding of sheets, pipes, boards, profiles of 6 m long and sprues, runners, preforms, bottles & jars at height of 1.5 m from ground is available as standard.

Grinding chamber with 3 or 5 rotary blades, for processing all resins PVC, WPC, PE, PP, PLA, ABS, EPS, PET and various other engineering plastics.

KEY ATTRIBUTES

- 3- and 5-knife rotors with scissor-cut configuration
- Constant cutting geometry
- Tool-free access
- Standard and customized feed and evacuation systems available
- Turn key packages designed and installed
- Low power consumption with guaranteed pay back calculations

SCREEN AREA EQUAL TO 50% OF THE ROTOR CIRCUMFERENCE



SPECIAL ADVANTAGES

REGRIND QUALITY MATERIAL

Homogeneous and uniform regrinds produced constantly. Mechanical and physical properties of plastics unchanged.

- Efficient and precise grip thanks to the dedicated grinding chamber section
- On board soundproofing for in-line productions



ENERGY EFFICIENCY

Lowest running cost expressed in kWh/kg available on the market. Reaction power $\cos\phi$ reduced to minimum thus having a direct impact on hourly energy cost.

- Transmission design gives higher inertia: only 20% of installed power consumed during non-productive operation; 40-60% during grinding time

EASY OPERATION AND MAINTENANCE

Reduced maintenance frequency and downtime by advance engineering design. Safety of operator during operation and maintenance.

- Easy tool free access to screen, hopper, cutting chamber

MAJOR APPLICATIONS

- Blow Moulding
- Extrusion
- Rotational Moulding
- Injection Moulding
- Recycling

PRODUCT RANGE

MODEL	POWER(kw)	OUTPUT RANGE (kg/hr)
PG 14"	7.5-11	100-150
PG 16"	3.7-7.5	50-100
PG 20"	18-22	200-300
PG 24"	30-37	300-500



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