

# Low Speed Granulator

## Goliath Plus Series

The Goliath Plus low speed granulator is specially adapted for beside press recycling of sprues, and parts. It produces large quantities of high quality regrind without affecting the material's molecular structure. Granulate may be fed directly back into processes, saving time and material.

The Goliath Plus has a rotor which spins at only 25rpm resulting in lower noise emissions and less dust in the regrind material when compared to faster granulators.

The Goliath Plus has a unique tooth design that facilitates both trapezoidal and helical cutting. A resistant steel coating protects the teeth against wear from abrasive materials.

### Features

- ▶ Level detector
- ▶ 25 rpm avoids overheating
- ▶ Ergonomic grinder
- ▶ Reversible combs for double lifespan
- ▶ Both helical and trapezoidal granulometry
- ▶ Vertical or horizontal gears 0.75kW - 2.2kW
- ▶ Polycarbonate or soundproof steel hopper
- ▶ Integrated metal detection
- ▶ Easy cleaning and maintenance
- ▶ Masher systems
- ▶ Small footprint

### Options

- ▶ MASHER system only on GPlus 4
- ▶ Integrated Metal Detection system
- ▶ ABS Anti-Blocking System
- ▶ Level detectors: rotating paddle or capacitive sensor
- ▶ Soundproof hopper
- ▶ Large capacity bin (granulator with higher stand)
- ▶ Granulometry rollers with tooth configuration both trapezoidal and helical cutting configuration available in 3 sizes: tpz5, tpz6 and tpz8 (for other size please contact us)

### Integrated Metal Detection

- ▶ Avoid serious damage
- ▶ Detects metal and stops in 40 milliseconds
- ▶ Malfunction message alerts operator
- ▶ Anti-Blocking System (ABS) option



### Masher System

- ▶ Rotational cutters are located between the Hopper and the Cutting Chamber.
- ▶ Cutters grab parts and guide them into the Cutting Chamber.



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Specifications		GPlus1			GPlus2			GPlus3			GPlus4		
Drive Motor Position		Vertical		Horizontal	Vertical		Horizontal	Vertical		Horizontal	Vertical		Horizontal
kW		0.75	1.5	2.2	0.75	1.5	2.2	-	1.5	2.2	-	1.5	2.2
RPM		25											
Cutting Chamber (mm)		229 x 172			229 x 265			229 x 359			229 x 453		
Number of Cutters		1			2			3			4		
Cutters Diameter (mm)		248											
Number of Rollers		2			3			4			5		
Max Theoretical Output (kg/h)		10			20			30			40		
Overall Dimensions (mm)													
With B Hopper	Length	669	684	1040	767	782	1134	-	876	1228	-	951	1317
and stop/start	Width	678	678	678	678	678	678	-	678	678	-	678	678
	Height	1210			1240			1330			1330		
With ABS	Width	776			776			-	776	776	-	776	776
With Masher	Length	N/A										1113	1464
	Width											655	655
	Height											1656	1656
Weight (kg)													
Standard Version		240			280			340			390		
Masher Version		N/A									500		

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