

# Rapid 500 series

“Open-Hearted Engineering”

### Improved safety interlock

The new design of the safety interlock system allows quicker opening of a granulator. It is also safer because its speed-related sensor ensures that the rotor is standing still before the granulator can be opened.



### Easy cleaning and maintenance

The outstanding ergonomic design of all models allows you to rapidly reach the heart of the machine and gain access to appropriate parts to achieve fast cleaning, maintenance and changeover times. “Visibly clean” inspection and approval is a further benefit.



### Highest-quality regrind

The Rapid cutting technique, comprising clean double scissors-cutting action and constant cutting circle, produces granules of a uniform size with minimal dust content even with the toughest materials.



### Less energy

The true double scissors action reduces the force needed to slice through plastic waste. Therefore a smaller motor can be used to significantly reduce energy consumption.



### Reversible screen

The screen can be turned, providing longer lifetime and maximum durability.



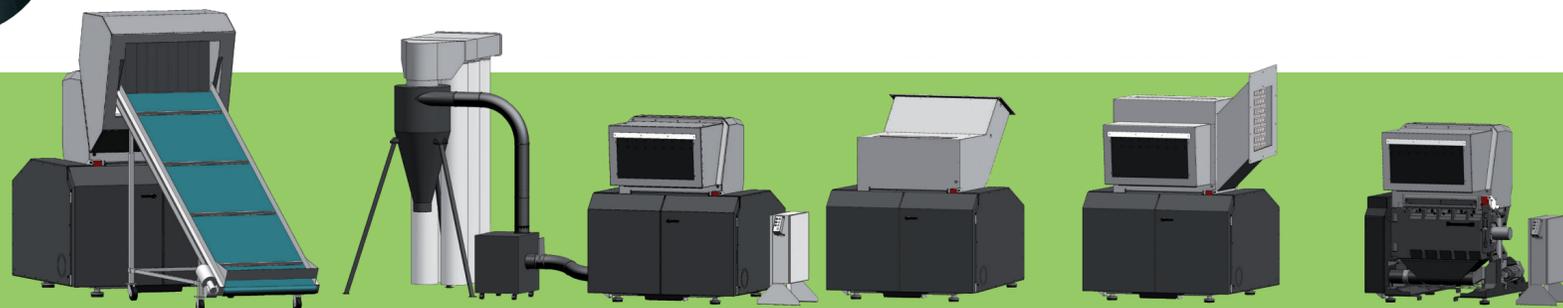
### Power-assisted opening/closing

Rapid opening and closing of the infeed hopper is assured by a motor-driven jack.



### Infeed configurations

A great number of hopper alternatives are available as standard options depending on application and infeed method. Most of the standard hoppers are of modular design and can be easily re-configured later if needed.



## Specifications

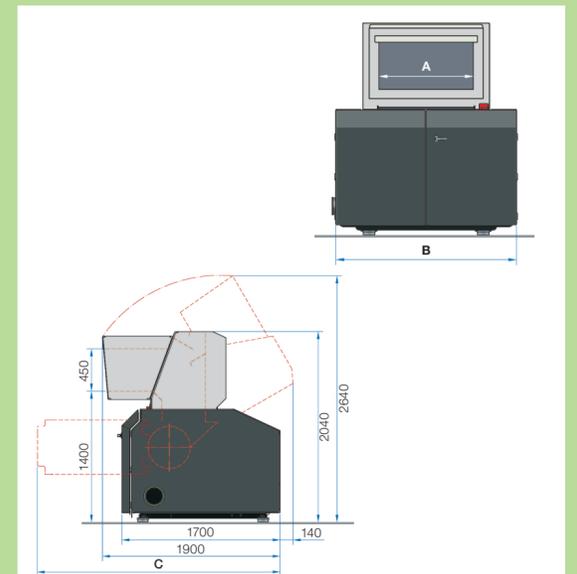
	500-60	500-90	500-120
Rotor diam. (mm)	450		
type	3-blade, open		
Rotating knives	6		
Fixed knives	4		
Cutterhouse, Super-Tangential, mm	620x580	920x580	1220x580
Tangential / Pre-cut, mm	620x460	920x460	1220x460
Hopper inlet	600x450	900x450	1200x450
Motor, standard, (kW)	22	30	37
alternatives	22 / 30 / 37 / 45 / 55		
Weight (kg)	3000	3300	3600

### Features

- Pre-adjustable knives
- Double scissors cutting action, V-position
- Rotor stand still guard
- Swing-out cutter house front/cradle
- Heavy duty transmission
- Easy removable flaps
- Solid stand with machine shoes
- Electrical jack opening

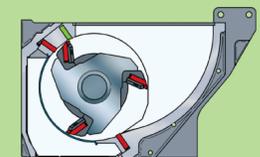
### Options

- 5 blade rotor, increase throughput
- PowerTech package, wear resistant execution
- Various hoppers for sheets, pipes/profiles, belt conveyor, roll feed
- Extra fixed knife/knives, increasing throughput
- Screen diam. Std/opt. (mm) 8 4 / 6 / 10 / 12 / 17 / 25
- Extra flywheel
- Knife setting jig
- Level indicator

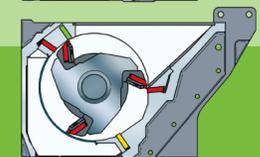


All dimensions in mm.

Model	A	B	C
500-60	600	1440	2500
500-90	900	1740	2600
500-120	1200	2040	2900



**Super-Tangential for bulk waste**  
The two fixed knives as shown (red) are typically used. A third fixed knife (green) is optional for higher capacities. Typical applications are voluminous parts and scrap.



**Tangential for extruded materials**  
The two fixed knives (red) are typically used. One or two additional fixed knives (green/yellow) – are optional to increase throughput when higher capacities are required.



**Pre-cut for thicker walled materials**  
Recommended for heavy-duty granulation of sheets, pipes, profiles and thick-walled materials etc. The third and fourth fixed knives (green/yellow) are optional to increase capacity.