

Rapid 600 series

“Open-Hearted Power”

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.



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.



Single operator handling

The outstanding ergonomic design of core wearing components simplify handling by being split in two parts.

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



Heavy duty transmission

Two heavy duty versions of transmission are available. One with extra increased inertia which includes friction clutch.

A second flywheel can be added to further increase the granulation power.

The Rapid friction clutch ensures safe operation even if an sudden stop in the granulation occurs.



Rapid Mineral Composite Technology Base, MCT

The 600-Series' base is made of a special mineral composite material to give the stability that is needed for smooth granulation and efficient absorption of stress and vibrations.



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.



Highest-quality regrind

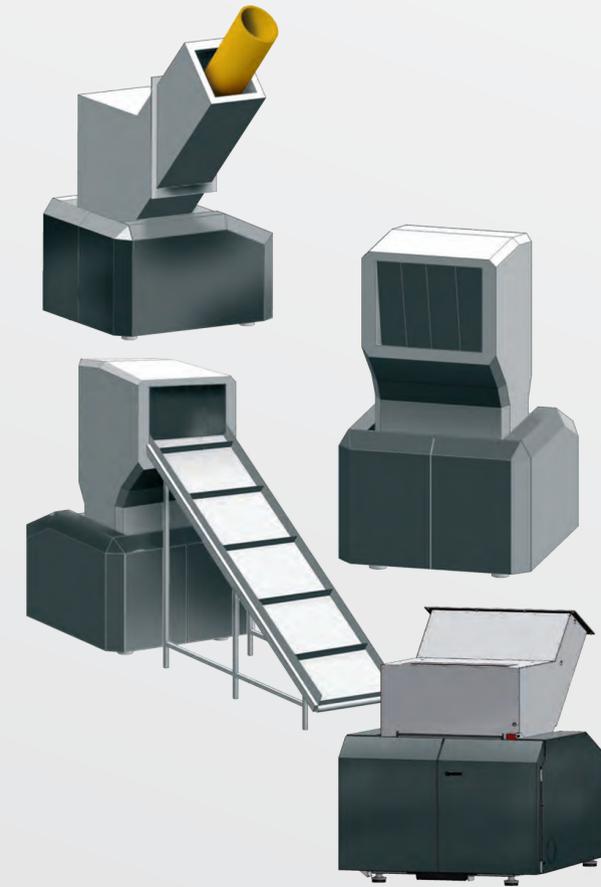
The Rapid cutting technique, comprising clean double scissors-cutting action and constant cutting circle, produces granules of a uniform size with minimal dust content even with the toughest materials.



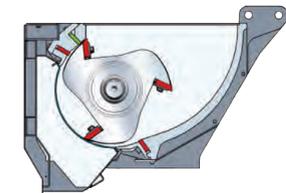
Power-assisted opening/closing

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

Infeed hopper solutions



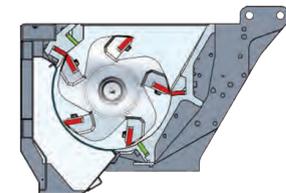
Cutterhouse configurations



“Super-Tangential” cutterhouse with 3-blade open rotor

For bulky waste this is often the recommended configuration. The two fixed knives (red) are typically used. A third fixed knife (green) is optional for higher capacities.

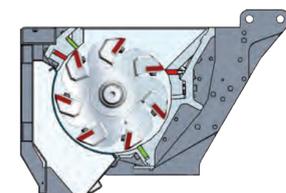
3-blade rotor also available in beam version.



“Tangential” cutterhouse with 5-blade beam rotor

Increased throughput is achieved by using the 5-blade beam rotor. The Tangential cutterhouse is suited for bulk waste as well as more thick-walled, compact products.

The two fixed knives (red) are typically used. One or two additional fixed knives (green) – are optional to further increase throughput.



“Pre-cut” cutterhouse for thick-walled materials

The “Pre-cut” cutterhouse configuration is used when the material should be cut piece-by-piece without falling “into the rotor”. Normally a 5-blade or a 7-blade rotor is used depending on capacity requirements.

Two standard fixed knives (red), can also be equipped with one or two additional fixed knives (green).

Specifications

	600-90	600-120	600-150
Rotor diam. (mm)	600		
type	3-blade, open		
Rotating knives	3x2	3x2	3x2
Fixed knives	2x2	2x2	2x2
Cutterhouse, Super-Tangential, mm	900x800	1200x800	1500x800
Tangential/ Pre-cut, mm	900x630	1200x630	1500x630
Hopper inlet	900x600	1200x600	1500x600
Motor, standard, (kW)	75	90	90
alternatives	55, 75, 90, 110, 132, 160		
Weight (kg)	6 500	7 500	9 000

Standard features

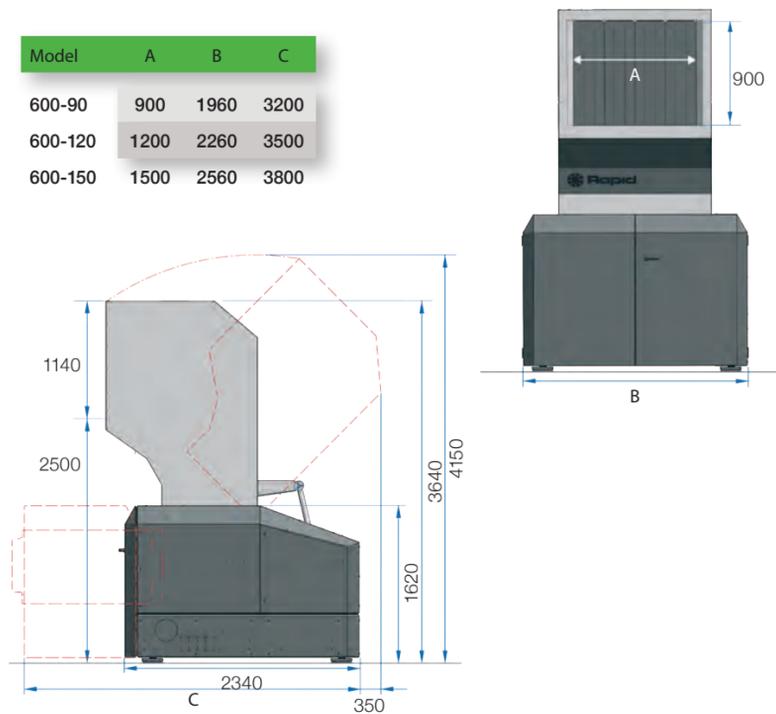
- Constant Cutting Circle, CCC
- Open-Hearted cutting chamber design
- Pre-adjustable knives, fixed and rotating
- Double scissors cutting action, V-position
- Rotor lock
- Rotor stand still guard
- Heavy duty transmission
- Easy removable flaps
- Solid stand with machine shoes, MCT – Mineral Composite Technology
- Electrical jack opening

Options

- 3-blade beam rotor
- 5-blade beam rotor
- 7-blade beam rotor / 7-blade RS rotor
- 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 10 / 12 / 17 / 25
- Extra flywheel
- Knife setting jig
- Friction clutch
- Level indicator

All data given depending on configuration, material etc.

Model	A	B	C
600-90	900	1960	3200
600-120	1200	2260	3500
600-150	1500	2560	3800



All dimensions in mm.