

# Rapid 300 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 in-feed hopper is assured by gas springs or 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

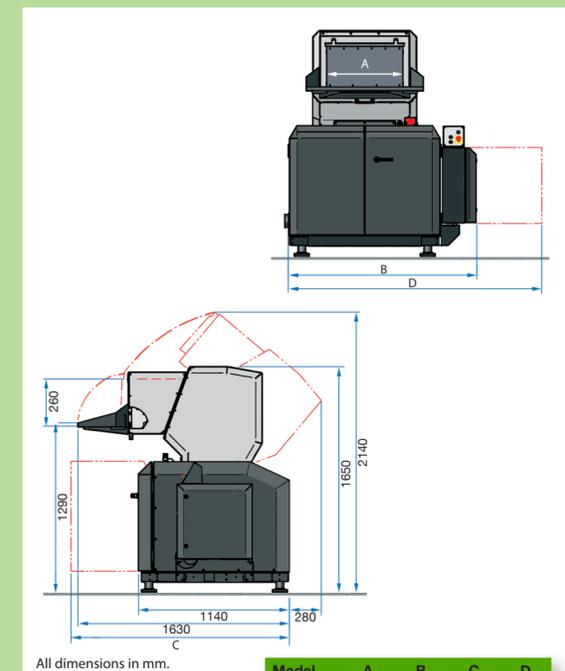
	300-30	300-45	300-60
Rotor diam. (mm)	260		
type	3-blade, open		
Rotating knives	3		
Fixed knives	2		
Cutterhouse, Super-Tangential, mm	320x360	470x360	620x360
Tangential, mm	320x285	470x285	620x285
Hopper inlet	300x260	450x260	600x260
Motor, standard, (kW)	5.5	7.5	7.5
other alternatives, (kW)	5.5, 7.5, 11, 15		
Weight (kg)	800	900	1000

### Features

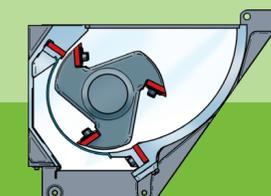
- Pre-adjustable knives
- Double scissors cutting action
- Rotor stand still guard
- Swing-out cutter house front/cradle
- Heavy duty transmission
- Easy removable flaps
- Solid stand with machine shoes

### Options

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

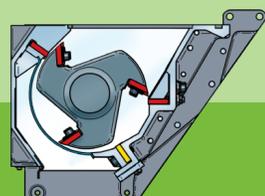


Model	A	B	C	D
300-30	300	1150	1360	1760
300-45	450	1300	1510	1910
300-60	600	1450	1660	2060



### Super-Tangential

The Super-Tangential cutterhouse is ideal for voluminous parts and scrap providing excellent grip. Standard configuration includes two fixed knives (red).



### Tangential

For more thick-walled and compact parts the Tangential cutter house is ideal. Standard configuration includes two fixed knives (red), if increased throughput is required, a third fixed knife can be specified (yellow).