

# Rapid 300 series

“Open-Hearted Engineering”

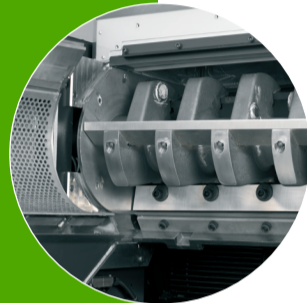
### Improved safety interlock

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

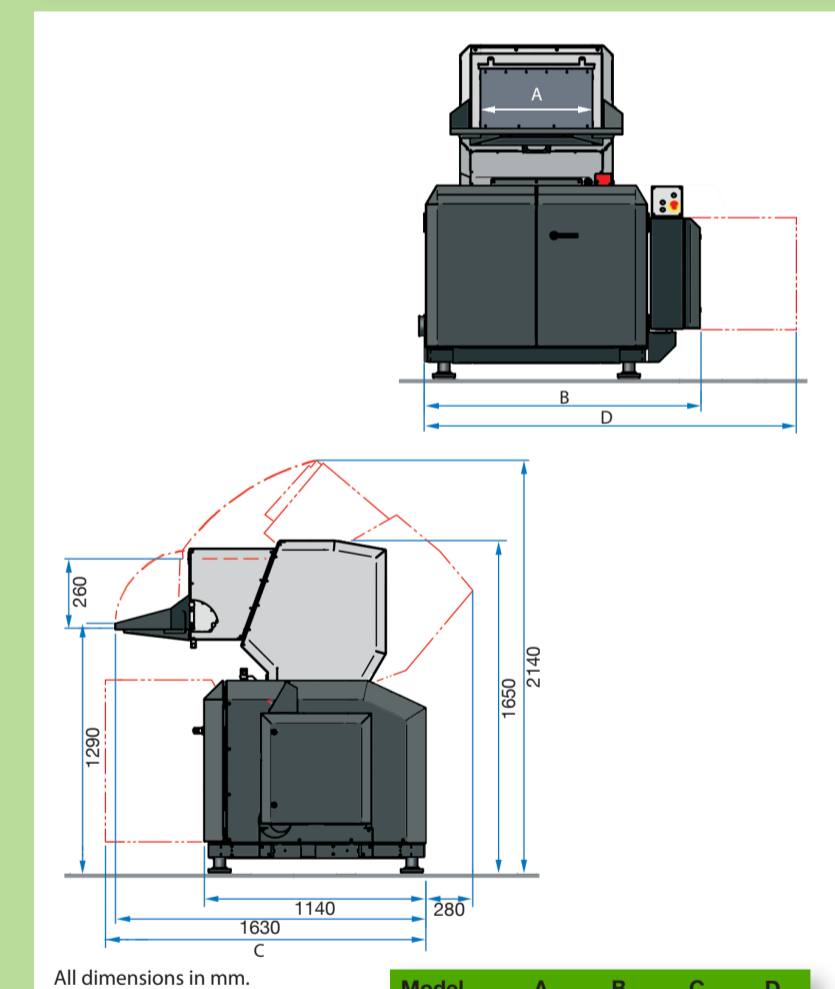
|                                   | 300-30           | 300-45  | 300-60  |
|-----------------------------------|------------------|---------|---------|
| Rotor diam. (mm)                  | 260              |         |         |
| type                              | 3-blade, open    |         |         |
| 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

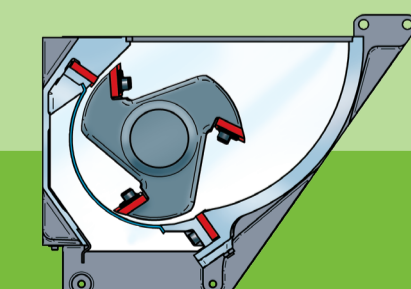
- Pre-adjustable knives
- Double scissors cutting action
- Rotor stand still guard
- Swing-out cutter house front/cradle
- Heavy duty transmission
- Easy removable flaps
- Solid stand with machine shoes

### 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

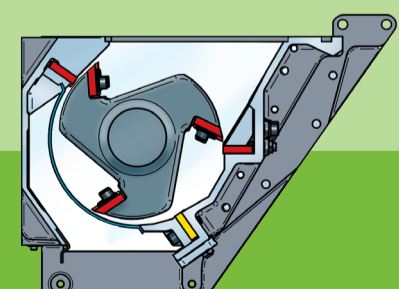


| Model  | A   | B    | C    | D    |
|--------|-----|------|------|------|
| 300-30 | 300 | 1150 | 1360 | 1760 |
| 300-45 | 450 | 1300 | 1510 | 1910 |
| 300-60 | 600 | 1450 | 1660 | 2060 |



### 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).