

Rapid 400 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 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

	400-45	400-60	400-90	400-120
Rotor diam. (mm)		350		
type		3-blade, open		
Rotating knives	3	3	3	2x3
Fixed knives	2	2	2	2x2
Cutterhouse, Super-T, mm	470x450	620x450	920x450	1220x450
Tangential, mm	470x360	620x360	920x360	1220x360
Hopper inlet	450x350	600x350	900x350	1200x350
Motor, standard, (kW)	15	22	22	22
alternatives	11 / 15 / 18.5 / 22 / 32			
Weight (kg)	1200	1500	1700	2100

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

5 blade rotor, increase throughput

PowerTech package, wear resistant execution

Various hoppers for sheets, pipes/profiles, belt conveyor, roll feed

Extra fixed knife, increasing throughput, Tangential

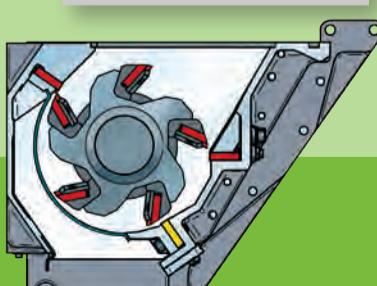
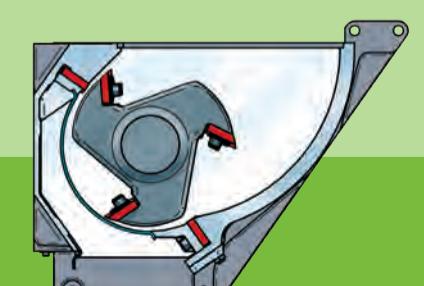
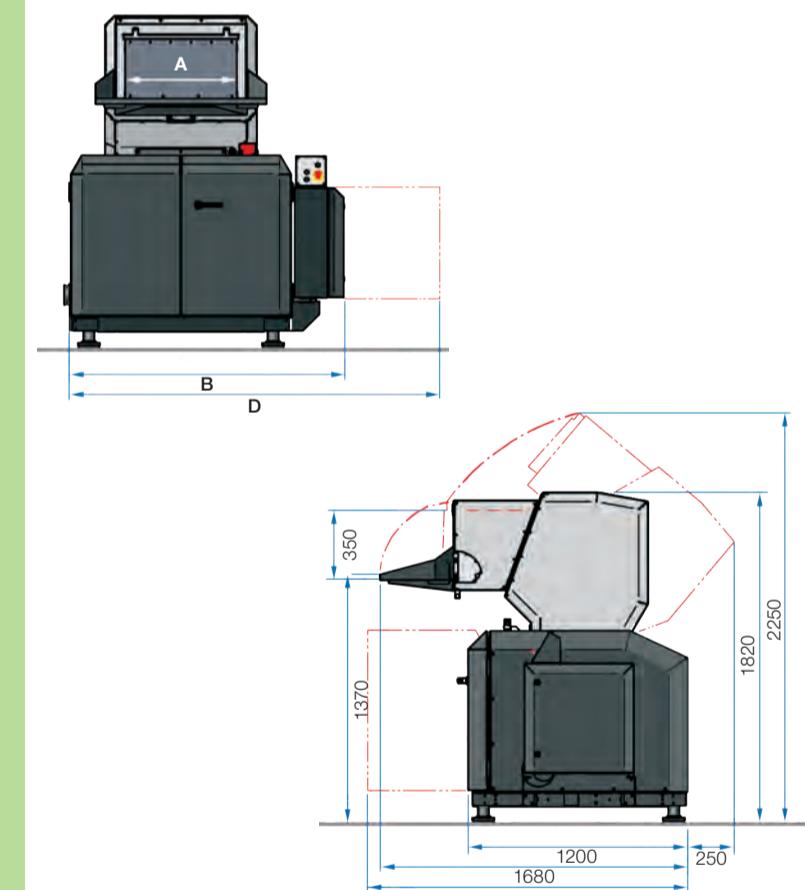
Screen diam. Std/opt. (mm) 8, 4 / 6 / 10 / 12 / 17 / 25

Extra flywheel

Knife setting jig

Level indicator

Electrical jack opening



Super-Tangential

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

Tangential

For more thick-walled and compact parts the Tangential cutter house is ideal. Configuration includes two fixed knives (red), if increased throughput is required, a third fixed knife can be specified (yellow). 5 blade rotor to further increase throughput is also available.