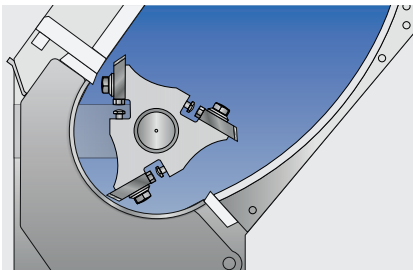


GST

Compact granulator



- Modern, compact design with a small footprint
- Easy accessibility and maintenance-friendly
- Based on a proven rotor and knife design
- Excellent acceptance of large-volume parts
- Screen area corresponds to approx. 50% of the rotor circumference
- Sound-insulated grinding housing and hopper
- Knives are adjusted outside the machine



The strongly tangential, curved back wall of the cutting chamber, combined with the aggressive open rotor design, ensures reliable material in-feed and minimises the risk of bridging in the hopper.

Applications

The compact granulators are ideal for use in blow moulding operations. They are well suited for recycling of bulky items such as bottles, containers and crates. Due to their low in-feed height these machines are easily loaded with material by hand or small infeed conveyor. The low noise emission and compact footprint make this granulator range a perfect solution for inline recycling applications.



The curved back wall of the cutting chamber ensures aggressive material feeding and prevents material blockages.

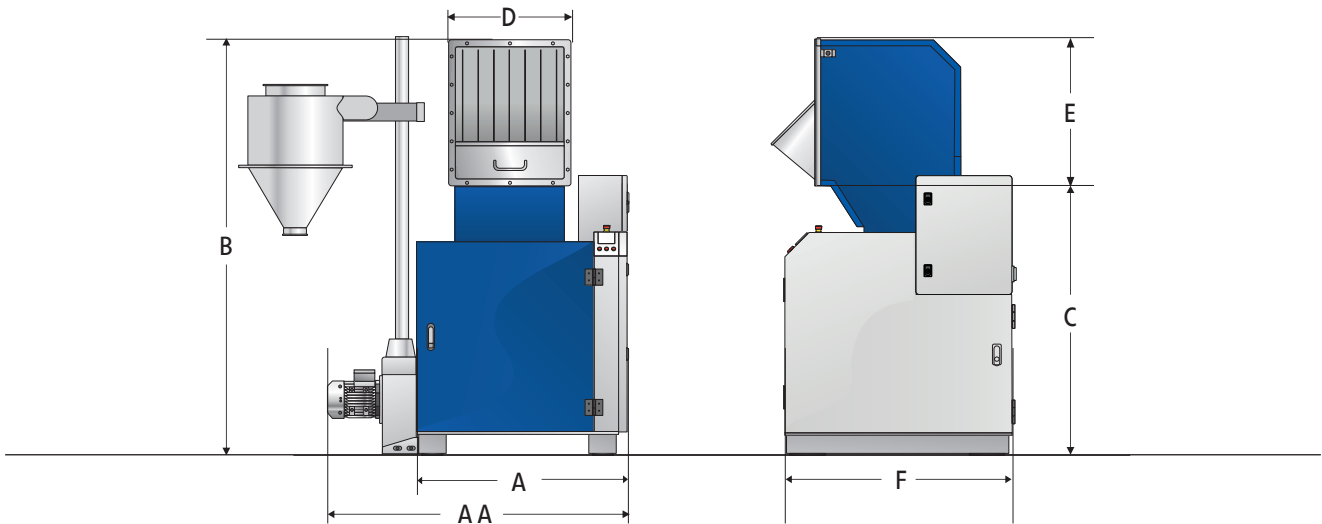
General Description

In a compact redesign, the best features from the proven GST serie have been integrated, with particular emphasis on weight, handling, and energy efficiency.

These compact granulators are equipped with complete sound insulation, resulting in an extremely quiet operation. The granulators are available with a rotor diameter of 250 mm and widths of 300, 450, and 600 mm. As with all ZERMA granulators, rotor and stator knives are adjustable outside the machine to reduce maintenance downtime.



The GST compact granulator is designed for the inline recycling of voluminous parts, such as bottles and canisters, in blowmolding applications.



Preliminary technical specifications

Type	250/300	250/450	250/600
Rotor diameter (mm)	250	250	250
Rotor width (mm)	300	450	600
Drive capacity (kW)	7.5	7.5	11
Rotor knives (pcs)	3 x 1	3 x 2	3 x 2
Stator blades (rows)	2	2	2
Screen size (mm)	> 6	> 6	> 6
Opening feed tangential (mm)	295 x 300	295 x 450	295 x 600
Opening feed super tangential (mm)	380 x 300	380 x 450	380 x 600
Weight (approx. kg)	600	700	1000

Dimensions

Type	250/300	250/450	250/600
A (mm)	750	900	1100
AA (mm)	1100	1280	1500
B (mm)	1790	1790	1790
C (mm)	1420	1420	1420
D (mm)	415	560	710
E (mm)	550	550	550
F (mm)	950	950	950

Standard configuration with blower, power consumption of 0.75 kW, and a 400-size cyclone

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