

GST

Compact granulators



- Compact design
- Soundproofed chamber and hopper
- Aggressive infeed and curved backwall
- Large screen area
- Knives are adjusted outside of the machine



The GST granulators are designed for the inline recycling of voluminous parts such as bottles and canisters in blow-molding applications.

Applications

The compact inline granulators of the GST series are primarily designed for use in blow molding applications to recycle voluminous parts such as bottles, canisters, and crates, as well as blow molding flush and injection sprues. The low feeding height makes them suitable for both hand and conveyor feeding of these parts. The low noise level and small footprint makes them the perfect fit for inline recycling operations.



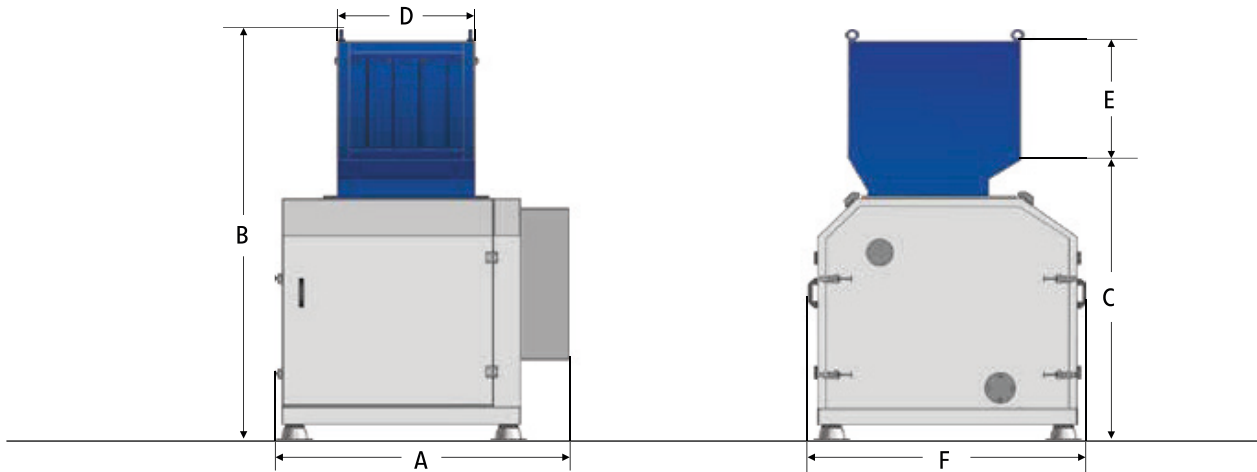
The cutting chamber sits in a soundproofed enclosure to ensure quiet in-line operation. The rotor and screen area are easily accessible for cleaning and maintenance.

General Description

All machines in the GST series feature a compact soundproofed enclosure and sound dampening hoppers. The granulators are available in two rotor diameters, 250 and 400 mm with widths ranging from 600 to 1000 mm. While the smaller machines feature an open F rotor, the bigger machines rely on a heavier S rotor. The curved back-wall of the cutting chamber ensures aggressive ingestion while also avoiding blockages. The rigid design makes them dependable units and includes advanced standard features such as replaceable wear plates. As on all **ZERMA** granulators the rotor and stator knives are adjusted outside of the machine to reduce downtime for maintenance.



The tangential cutting chamber paired with the aggressive open rotor design ensures reliable ingestion of voluminous parts. The curved cutting chamber back-wall reduces the risk of parts getting stuck.



Technical Specifications

Type	250/600	400/600	400/1000
Rotor diameter (mm)	250	400	400
Rotor width (mm)	600	600	1000
Drive capacity (kW)	18.5	22	30
Rotor knives (pcs)	3 x 2	3 x 2	3 x 2
Stator blades (rows)	2	2	2
Screen size (mm)	> 6	> 6	> 6
Effective working area (mm)	250 x 600	400 x 600	400 x 1000
Weight approx. (kg)	1850	3300	3300

Dimensions

Type	250/600	400/600	400/1000
A (mm)	1750	1550	1950
B (mm)	1880	2180	2180
C (mm)	1380	1540	1540
D (mm)	600	590	990
E (mm)	370	490	490
F (mm)	1220	1460	1460

