

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.



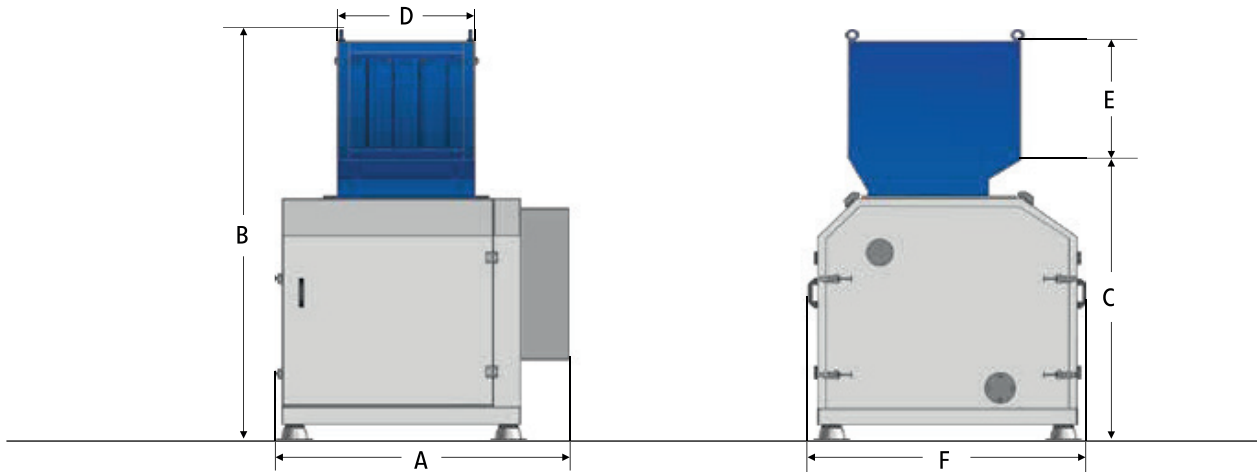
The cutting chamber sits in a soundproofed enclosure to ensure quiet in-line operation. The rotor and screen area are easily accessible for cleaning and maintenance.

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 |

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