

# GST

## Compact granulators

- **Compact design**
- **Soundproofed chamber and hopper**
- **Aggressive infeed and curved back wall**
- **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 blowmoulding applications.



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.



The cutting chamber sits in a soundproofed enclosure to ensure quiet inline operation. The rotor and screen area are easily accessible without for cleaning and maintenance.

### General Description

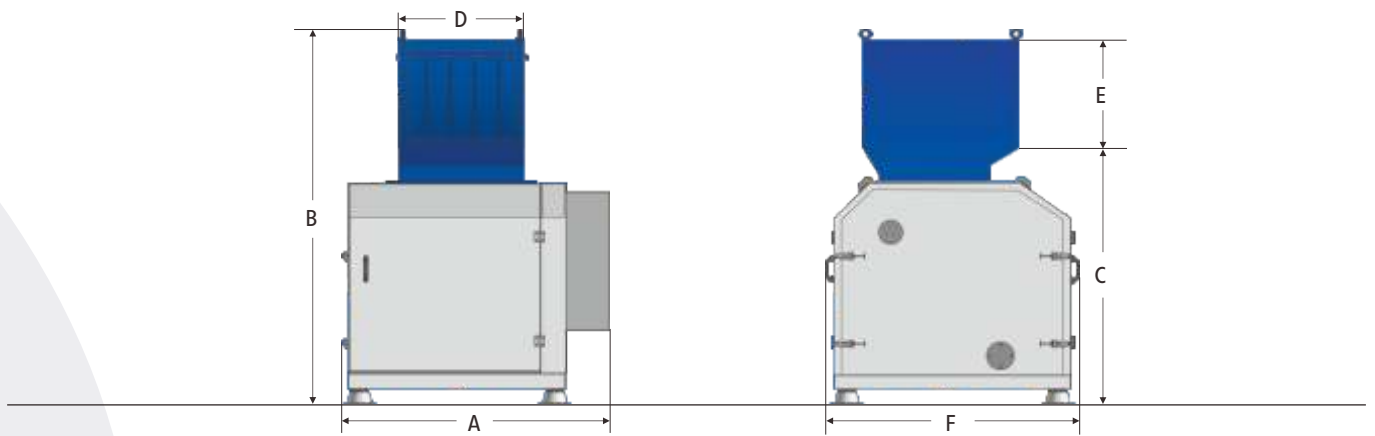
All machines in the GST series feature a compact soundproofed enclosure and sound dampening hoppers. The granulators are available in two rotor diameters, 250 and 400 mm with widths ranging from 300 to 1000 mm. While the smaller machines feature an open F rotor the bigger machines rely on a heavier S rotor. The curved backwall of the cutting chamber ensures an aggressive

ingestions 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.

### Applications

The compact inline granulators of the GST series are primarily designed for use in blow moulding applications to recycle voluminous parts such as bottles, canisters and crates, as well as blow moulding 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.



## Technical Specifications and Dimensions

### Type

Rotor diameter (mm)  
 Rotor width (mm)  
 Drive capacity (kW)  
 Rotor knives (pcs)  
 Stator blades (rows)  
 Screen size (mm)  
 Effective working area (mm)  
 Weight approx (kg)

### 250/300

250  
 300  
 7.5  
 3 x 1  
 2  
 $\geq 6$   
 250 x 300  
 1200

### 250/450

250  
 450  
 11  
 3 x 1  
 2  
 $\geq 6$   
 250 x 450  
 1400

### 250/600

250  
 600  
 18.5  
 3 x 2  
 2  
 $\geq 6$   
 250 x 600  
 1850

### 400/600

400  
 600  
 22  
 3 x 2  
 2  
 $\geq 6$   
 400 x 600  
 3300

### 400/1000

400  
 1000  
 30  
 3 x 2  
 2  
 $\geq 6$   
 400 x 1000  
 3300

A (mm)  
 B (mm)  
 C (mm)  
 D (mm)  
 E (mm)  
 F (mm)

1350  
 1880  
 1380  
 300  
 370  
 1220

1600  
 1880  
 1380  
 450  
 370  
 1220

1750  
 1880  
 1380  
 600  
 370  
 1220

1550  
 2180  
 1540  
 590  
 490  
 1460

1950  
 2180  
 1540  
 990  
 490  
 1460