

GST 400

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 curved back wall of the cutting chamber, combined with the open rotor design, ensures reliable material infeed and minimises the risk of bridging in the hopper.



The granulator stands out for its easy accessibility for cleaning and maintenance, making it especially service-friendly.



The GST 400 compact granulators are suitable for the inline recycling of voluminous parts such as bottles, canisters, sprues and injection-molded parts.

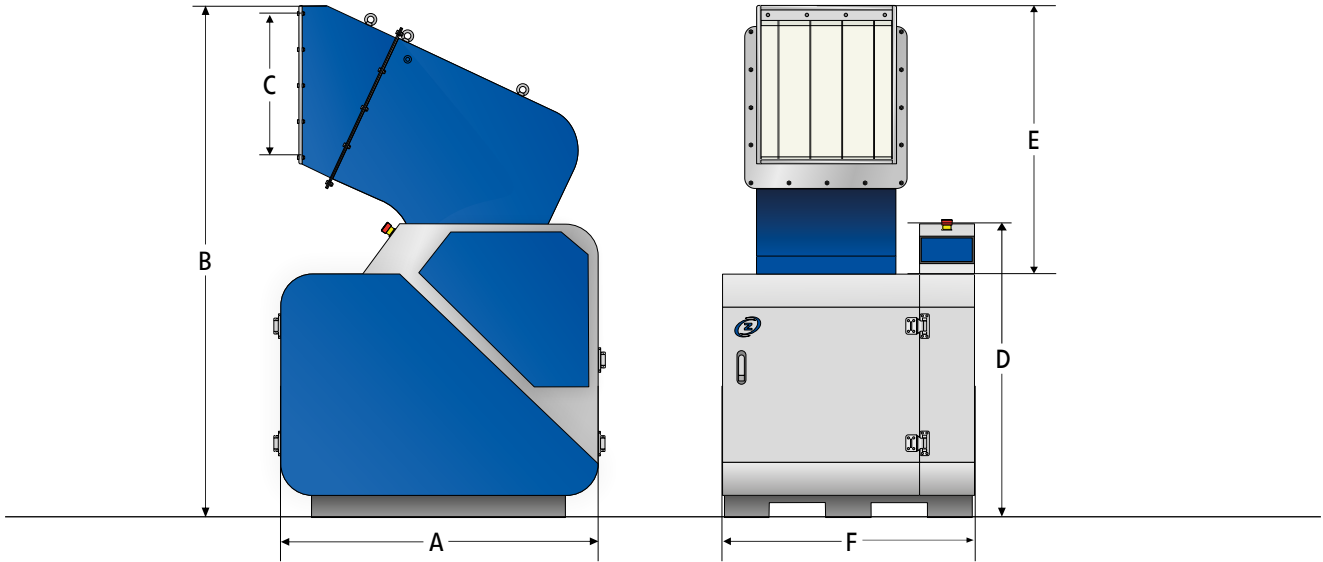
Applications

The compact inline granulators of the GST 400 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.

General Description

In a comprehensive redesign, the best features from the proven GST serie have been integrated, with particular emphasis on weight, size, 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 400 mm and widths of 600 and 1000 mm. As with all ZERMA granulators, rotor and stator knives are adjustable outside the machine to reduce maintenance downtime.



Preliminary technical specifications

Type	400/600	400/1000
Rotor diameter (mm)	400	400
Rotor width (mm)	600	1000
Drive capacity (kW)	22	30
Rotor knives (rows)	3 x 2	3 x 2
Stator blades (rows)	2	2
Screen size (mm)	> 6	> 6
Effective working area (mm)	400 x 600	400 x 1000
Weight approx. (kg)	1850	2250

Dimensions

Type	400/600	400/1000
A (mm)	1150	1200
B (mm)	2200	2200
C (mm)	600	600
D (mm)	1370	1370
E (mm)	1090	1090
F (mm)	1220	1650

ZERMA Machinery (Thailand) Co., Ltd.

450 Sukhumvit Road, Tambon Huaypong, Amphur Muang Rayong,
Rayong 21150, Thailand
Phone: +66 3301 3589 · info@zerma.co.th