

GSC 500

Compact sound-proofed granulators



- Knives are adjusted outside of the machine
- Compact design
- Different rotor types available
- Soundproofed housing
- Aggressive tangential infeed



Rotor and stator knives are pre-set outside the machine prior to installation in a supplied fixture. This makes awkward adjustment inside the machine unnecessary.

Applications

The cutting geometry of the GSC series allows even voluminous materials to be ground. The complete GSC series line achieves a high quality regrind independent of the material type or form such as injection molded parts, blow molded parts, profiles, sheets, film, etc. The 500 series GSC machines are mainly used in inline operations or small central granulators for processing of medium sized hollow, thin walled products or runners and sprues. The integrated sound proofing makes it possible to easily place the machine in existing operations. With different rotor designs and a wide variety of options the machines can be tailored for many different applications.



To ensure a safe operation and quick and easy access for cleaning and maintenance the GSC 500 machine's cutting chamber is opened hydraulically..

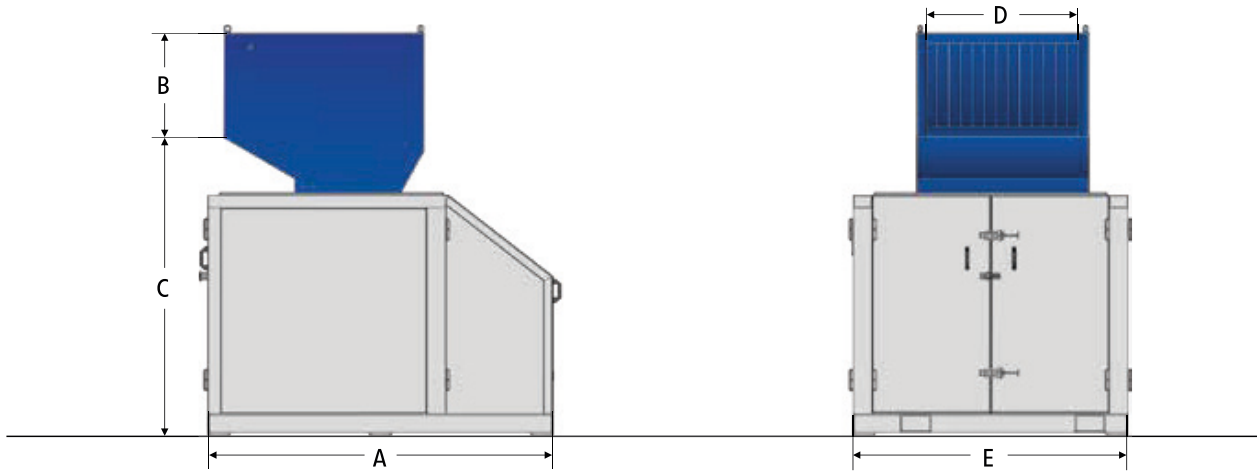
General Description

The GSC compact/sound proof granulators are designed with a complete sound proof enclosure resulting in an extremely quiet operation. Different rotor designs are available in widths ranging from 500 mm to 1400 mm with a diameter of 500 mm. The completely welded cutting chamber in conjunction with the "V" type rotor design ensures dependability in operation and universal application use.

While it delivers excellent sound proofing capabilities, it still offers easy and quick access to the cutting chamber during rotor and stator knife changes, servicing, or screen changes. The sound dampening material used in these machines is based on the latest technological research.



To minimize the needed floor space and make the machine easy to move, the control cabinet is integrated into the machine's soundproof housing.



Technical Specifications

Type	500/500	500/700	500/1000	500/1400
Rotor diameter (mm)	500	500	500	500
Rotor width (mm)	500	700	1000	1400
Drive capacity (kW)	30	37	45	45
Rotor knives (rows)	3 or 5	3 or 5	3 or 5	3 or 5
Stator blades (rows)	2 or 3	2 or 3	2 or 3	2 or 3
Screen size (mm)	> 6	> 6	> 6	> 6
Effective working area (mm)	560 x 500	560 x 700	560 x 990	560 x 1400
Weight approx. (kg)	2200	2500	3000	5500

Dimensions

Type	500/500	500/700	500/1000	500/1400
A (mm)	1930	1930	2160	2160
B (mm)	580	580	580	580
C (mm)	1870	1870	1930	1930
D (mm)	515	715	985	1430
E (mm)	1550	1750	2100	2600

