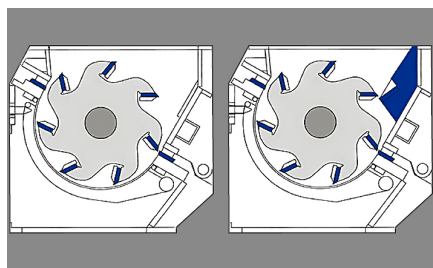


GSH 350-500

Heavy Duty Granulator

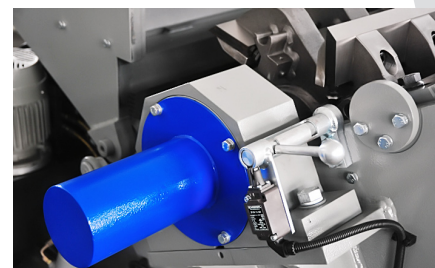
- Knives are adjusted outside of the machine
- Specially developed deflector wedge
- Wide choice of rotors
- Well thought out housing design
- Strong welded steel construction
- Oversized outboard bearings



The easily removable deflector wedge acts as a third stator blade and can be used to adjust the aggressiveness of the rotor at the first cutting point.



The GSH granulators are available with different rotor options to fit different applications, all rotors feature the V-cut technology creating a high quality regrind.



The heavy duty bearings are separated from the cutting chamber to avoid lubricants entering the cutting chamber and failure due to material contamination in the bearings.

General Description

The heavy duty granulators of the GSH 350 and 500 series offer a wide array of different rotor designs with widths ranging from 500 mm to 1000 mm with a diameter of 350 and 500 mm respectively. The completely welded heavy steel construction is designed to withstand the most demanding and universal applications. Rotor bearings, knife mounts, and rotor shaft are oversized. The standard V-cut creates a high quality regrind with a very low percentage of fines in the output material. The removable third stator blade, acting as a deflector wedge, allows the machine to be quickly adjusted to different application scenarios. Other standard features include easily replaceable wear plates in the cutting chamber, as well as outboard bearings reducing the risk of contamination.

Applications

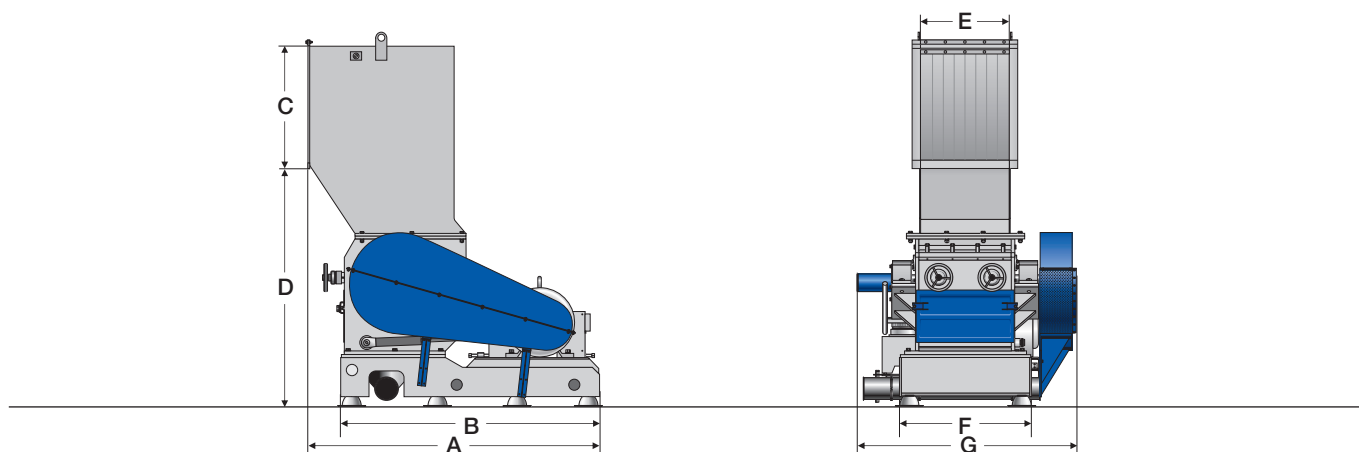
The wide range of rotors and hopper styles allow the GSH machines to be tailored to almost every application in the plastic recycling field. The GSH 350 and 500 granulators are mainly used as central granulators for in house recycling applications. They process thick walled parts in one step or as a second step granulator, after a shredder, to reach higher throughput rates. When used to grind light materials, such as bottles, the throughput can be greatly increased with the addition of a ZERMA force feeding device. For abrasive, contaminated, or highly filled materials, the machines can be equipped with special wear protections, such as hard facing of the rotor and housing, and key parts manufactured from highly wear resistant steels.



The Home of Size Reduction

GSH 350-500

Heavy Duty Granulator



Technical Specifications and Dimensions

Model

Rotor diameter (mm)	350	500	500
Rotor width (mm)	500	600	1000
Drive capacity (kW)	22	55	75
Rotor knife (rows)	3 or 5	3 or 5	3 or 5
Stator blade (rows)	2 or 3	2 or 3	2 or 3
Screen size (mm)	>6	>6	>6
Effective working area (mm)	460 x 516	636 x 590	985 x 590
Weight approx (kg)	1800	3100	4200

350/500

500/600

500/1000

A (mm)	1820	2130	2320
B (mm)	1620	2020	2220
C (mm)	740	800	900
D (mm)	1610	1765	1870
E (mm)	515	635	985
F (mm)	775	1090	1540
G (mm)	1290	1570	1915

1820	2130	2320
1620	2020	2220
740	800	900
1610	1765	1870
515	635	985
775	1090	1540
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1765	1870	
635	985	
1090	1540	
1570	1915	

2320	985	1915
2220	1540	
900	1915	
1870		
985		
1540		
1915		

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