

Heavy Duty Granulator

GSH

Heavy duty granulators from Summit Systems are available in a wide array of rotor designs and sizes.

A 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 is acting as a deflector wedge and 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.

Benefits

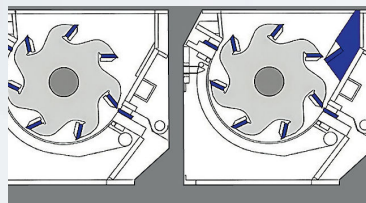
- ▶ Knives are adjusted outside of the machine
- ▶ Specially developed deflector wedge
- ▶ Wide choice of rotors
- ▶ Well thought out housing design
- ▶ Strong welded steel construction
- ▶ Oversized outboard bearings

Applications

- ▶ In-house plastics recycling
- ▶ Thick walled parts
- ▶ Rubber, wood and e-waste

Options

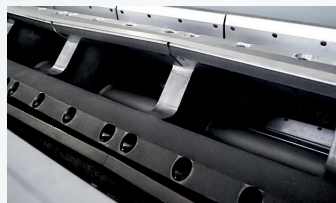
- ▶ With a shredder for faster output
- ▶ Force feeding device for lightweight products (eg. bottles)
- ▶ Special wear production for abrasive material



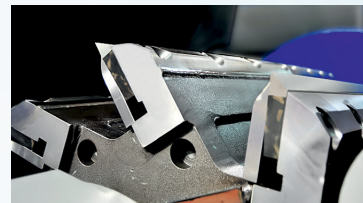
The easily removable deflector wedge acts as a third stator blade and can be used to adjust the aggressiveness of the rotor at the first cutting point.



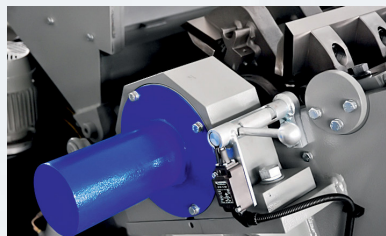
GSH granulators are available with different rotor options to fit different applications, all rotors feature the V-cut technology creating a high quality regrind.



The GSH 1100 series comes standard with wide H-style rotors available with 9, 11 or 13 rows of rotor blades ensuring a high quality output.



For abrasive applications GSH granulators can be equipped with rotors with key parts manufactured from highly wear resistant steel as well as weld on hard facing.



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



Granulators can be tailored to fit various applications, for example with oversized suction troughs in order to achieve a very high output.



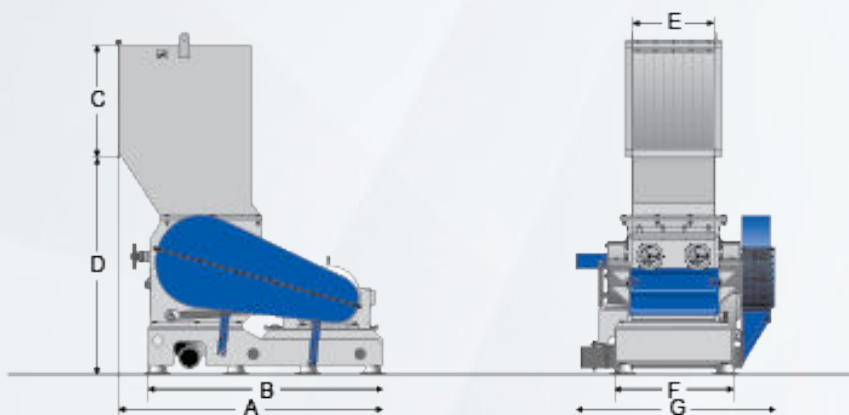
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Heavy Duty Granulator GSH

Type GSH	350/ 500	500/ 600	500/ 1000	600/ 800	700/ 1000	800/ 1200	800/ 1600	800/ 2000	1100/ 1200	1100/ 2400
Rotor Diameter (mm)	300	300	300	500	500	500	500	700	700	700
Rotor Width (mm)	300	600	1000	500	700	1000	1400	700	1000	1400
Drive Capacity (kW)	7.5	11	18.5	30	37	45	45	45	55	55
Rotor Knives (rows)	3	3	3	3 or 5	3 or 5	3 or 5	3 or 5	5 or 7	5 or 7	5 or 7
Stator Blades (rows)	2	2	2	2 or 3	2 or 3	2 or 3	2 or 3	2 or 3	2 or 3	2 or 3
Screen Size (mm)	> 6	> 6	> 6	> 6	> 6	> 6	> 6	> 6	> 6	> 6
Effective Working Area (mm)	400 x 290	400 x 590	400 x 990	560 x 500	560 x 700	560 x 990	560 x 1400	720 x 700	720 x 990	720 x 1400
Length A	1820	2105	2255	2350	2815	3100	3175	2755	3115	3060
Length B	1600	1850	2000	2100	2500	2800	2800	2600	2900	3000
Length C	740	800	900	1000	1100	1200	1400	1600	1400	1400
Length D	1650	1765	1840	1940	2250	2570	2685	3055	3030	3030
Length E	520	635	985	788	985	1150	1570	1965	1150	2330
Length F	775	945	1350	1125	1290	1535	1970	2250	1680	2760
Length G	1280	1560	1945	1840	2060	2430	2860	3465	2440	3830



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