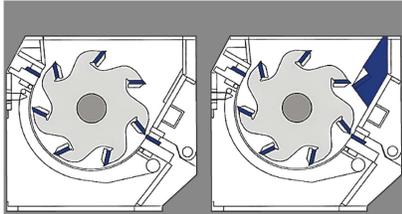


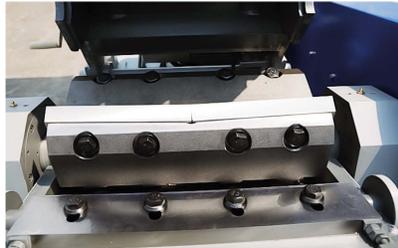
H 35-50

Heavy Duty Granulator

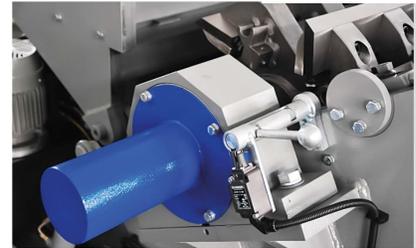
- Knives are adjusted outside of the machine
- Specially developed deflector wedge
- Wide choice of rotors
- Well thought out housing design
- Strong Welded Steel construction
- Oversized outboard bearings



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 H 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 bearing failure due to material contamination in the bearings.

General Description

The heavy duty granulators of the H 35 and 50 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

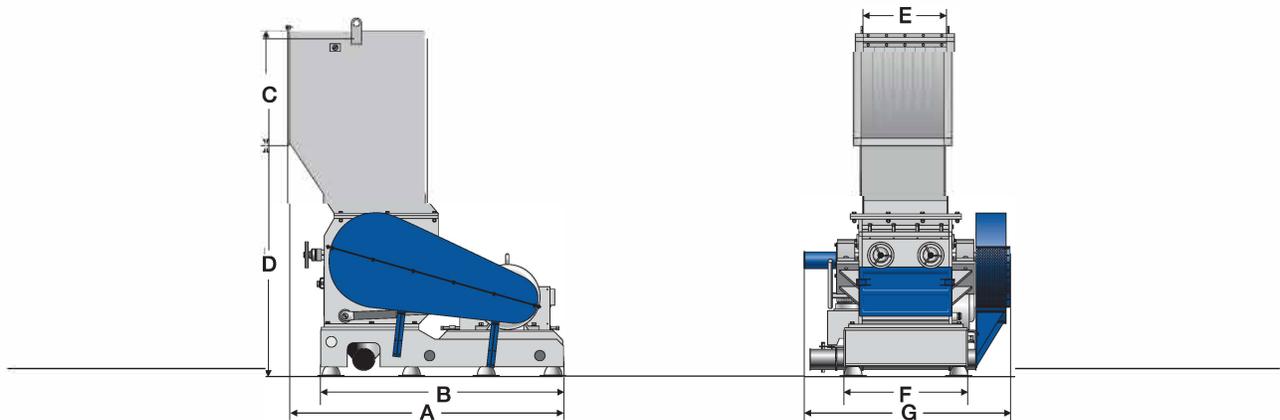
The wide range of rotors and hopper styles allow the H machines to be tailored to almost every application in the plastic recycling field. The H 35 and 50 granulators are mainly used as central granulators for in house recycling applications. They process thick walled parts in one step or as a second 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 Virtus 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.

Virtus
Equipment

The Right Machine for Today's
Recycling Requirements

H 35-50

Heavy Duty Granulator



Technical Specifications and Dimensions

| Model | 350/500 | 500/600 | 500/1000 |
|-----------------------------|-----------|-----------|-----------|
| Rotor diameter (mm) | 350 | 500 | 500 |
| Rotor width (mm) | 500 | 600 | 1000 |
| Drive capacity (kW) | 22 | 55 | 75 |
| Rotor knives (rows) | 3 or 5 | 3 or 5 | 3 or 5 |
| Stator blades (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 |
| 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 |

Virtus Equipment

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