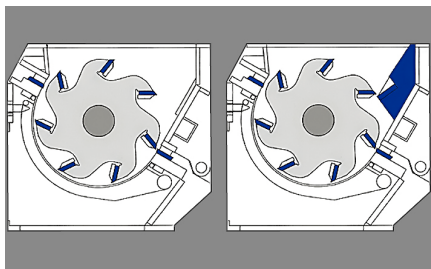


# GSH 600-700

## Heavy Duty Granulator

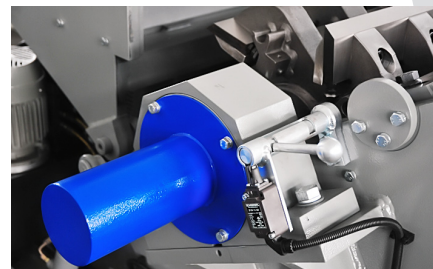
- Knives are adjusted outside of the machine
- Specially developed deflector wedge
- Wide choice of rotors
- Well thought out housing design
- Strong welded steel construction
- Oversized outboard bearings



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 600 and 700 series offer a wide array of different rotor designs with widths ranging from 800 mm to 1600 mm with a diameter of 600 and 700 mm. 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 acts 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.

### Applications

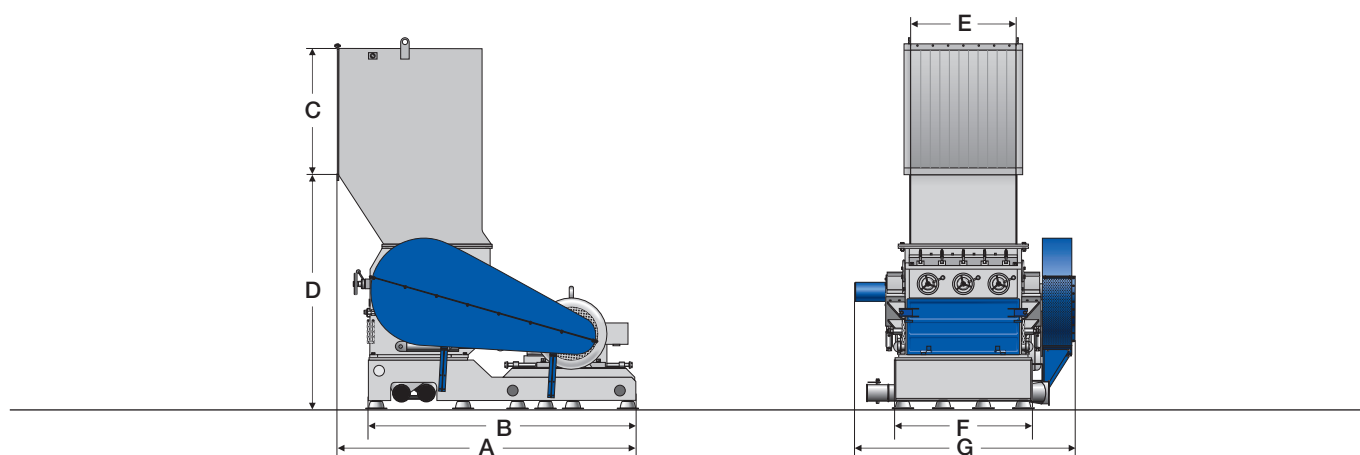
The wide range of rotors and hopper styles allow the GSH machines to be tailored to almost every application in the plastic recycling field. The GSH 600 and 700 granulators are mainly used as large central granulators for in house recycling applications. They process large thick walled parts in one step 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, or key parts manufactured from highly wear resistant steels.



The Home of Size Reduction

# GSH 600-700

## Heavy Duty Granulator



### Technical Specifications and Dimensions

#### Model

Rotor diameter (mm)	600	600	700
Rotor width (mm)	800	1600	1000
Drive capacity (kW)	75	132	90
Rotor knife (rows)	5 or 7	5 or 7	5 or 7 or 9
Stator blade (rows)	2 or 3	2 or 3	2 or 3
Screen size (mm)	>6	>6	>8
Effective working area (mm)	790 x 695	1500 x	900 x 800
Weight approx (kg)	4500	6950	7100

#### 600/800

Rotor diameter (mm)	600
Rotor width (mm)	800
Drive capacity (kW)	75
Rotor knife (rows)	5 or 7
Stator blade (rows)	2 or 3
Screen size (mm)	>6
Effective working area (mm)	790 x 695
Weight approx (kg)	4500

#### 600/1600

Rotor diameter (mm)	600
Rotor width (mm)	1600
Drive capacity (kW)	132
Rotor knife (rows)	5 or 7
Stator blade (rows)	2 or 3
Screen size (mm)	>6
Effective working area (mm)	1500 x
Weight approx (kg)	6950

#### 700/1000

Rotor diameter (mm)	700
Rotor width (mm)	1000
Drive capacity (kW)	90
Rotor knife (rows)	5 or 7 or 9
Stator blade (rows)	2 or 3
Screen size (mm)	>8
Effective working area (mm)	900 x 800
Weight approx (kg)	7100

A (mm)

2350

2535

2830

B (mm)

2220

2390

2550

C (mm)

1000

1000

1100

D (mm)

1940

1940

2250

E (mm)

788

1560

985

F (mm)

1270

1980

1290

G (mm)

1820

2360

2060

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