

## Single Pass Granulator

**Reliable, easy to operate, reduces material to granulate in one pass.**

Comet's sturdy, compact CG-SP series granulators are designed specifically for defined size reduction of various materials in a single pass. The material is cleanly sheared off between high quality steel rotor knives and counter knives. A defined granulate is formed by the desired screen mounted below the rotor. This highly efficient granulating principle works with very small cutting gaps. The CG-SP series has various models to meet a wide range of production applications.

### Features

- Welded solid steel construction ensures durability.
- Compact size with easy access to conveniently clean and maintain.
- Two-piece cutting chamber is divided at an inclined angle so the chamber can open quickly and easily.
- Bearings and bearing housings are located outside the cutting chamber to prevent dirt, dust, or grease from entering the cutting chamber.
- Easily adjust rotor knives and counter knives outside the granulator.
- Dust collection bag reduces contamination.
- Knife setting gauge is a standard accessory.
- Easily set the distance between the rotor knife edge and screen.
- Changeable wear-plates are made from a high-quality steel mounted on both sides of the rotor.
- The standard CG-SP granulators are ready for air extract connection.



**V-Rotor:** The standard V-shape rotor conveys material toward the center of the rotor, avoiding material buildup at the side walls, as well as unnecessary wear. It is suitable for most types of material.

**Front Set V-Rotor:** Minimal clearance between the blades enables granulation with minimal damage to working parts. It is suitable for processing hard materials such as lump, thick pipe, plastic blocks etc.

**Rear Set V-Rotor:** Blades are mounted behind the support. It is ideal for granulating flexible material or for granulating pre-shredded material.



**S-Rotor:** Knives are arranged at an inclined angle. The greater shear angle and single shear design results in better performance when processing flexible materials such as plastic film.



**C-Rotor:** A heavy-duty, high inertia, semi-closed design creating a cascade cutting effect. At the back of each knife, the thick holder provides strong support. This design is suitable for processing hard or thicker walled sprues.



**CG-SP600**  
**Soundproof Granulator**

**CG-SP800**  
**Soundproof Granulator**

**CG-SP600**  
**with extra flywheel**

**CG-SP1000**  
**Granulator**

## Specifications

Model	CG-SP600	CG-SP600T	CG-SP800	CG-SP800T	CG-SP1000
Dimensions (L/W/H) (mm)	1114 x 1330 x 1829	1226 x 1158 x 2198	1226 x 1358 x 2198	1328 x 1427 x 2286	1328 x 1627 x 2286
Hopper Opening (mm)	562 x 498	562 x 615	762 x 615	762 x 615	962 x 615
Rotation Diameter (mm)	Ø260	Ø320	Ø320	Ø420	Ø420
Rotor Operation Length (mm)	600	600	800	800	1000
Rotation Speed (r/min)	580	580	580	580	580
Standard Screen (mm)	Ø12	Ø12	Ø12	Ø12	Ø12
Rotor Knives PCS	3 x 2	3 x 2	3 x 2	3 x 2	3 x 2
Counter Knives PCS	2 x 1	2 x 1	2 x 1	2 x 1	2 x 1
Drive Power (kW)	15	22	30	37	45
Weight (kg)	Approx 1000	Approx 1500	Approx 1800	Approx 3000	Approx 3500

*We reserve the right to change specifications without prior notice.*

# COMET

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