

GRAN CALIBUR



GRAN-CALIBUR SERIES

Granulators

GC granulators were designed especially for defined size reduction of various materials in a single pass. Rotor and counter knives are made from high quality steel. The material is cleanly sheared off between rotor knives and counter knives, a defined granulate is formed by the desired screen mounted below the rotor. The highly efficient granulating principle works with very small cutting gaps.

- Welded solid steel construction and compact design for saving space
- Two-pieces cutting chamber divided at an inclined angle so the chamber can be opened easily and quickly. Thus, the maintenance and access is timesaving.
- Bearings and bearing housings are located outside from the cutting chamber to prevent from dirt or dust from damaging the bearings. And also the grease does not get into the cutting chamber.



- Rotor knives and counter knives are possible to adjust outside of the granulator. A knife setting gauge is a standard accessory of Genox granulator, the distance between the rotor knife edge to the screen can be set easily.
- Changeable wear plates made from special steel mounted on both sides of the rotor.
- The standard GC granulators are prepared for connecting of air-extraction.



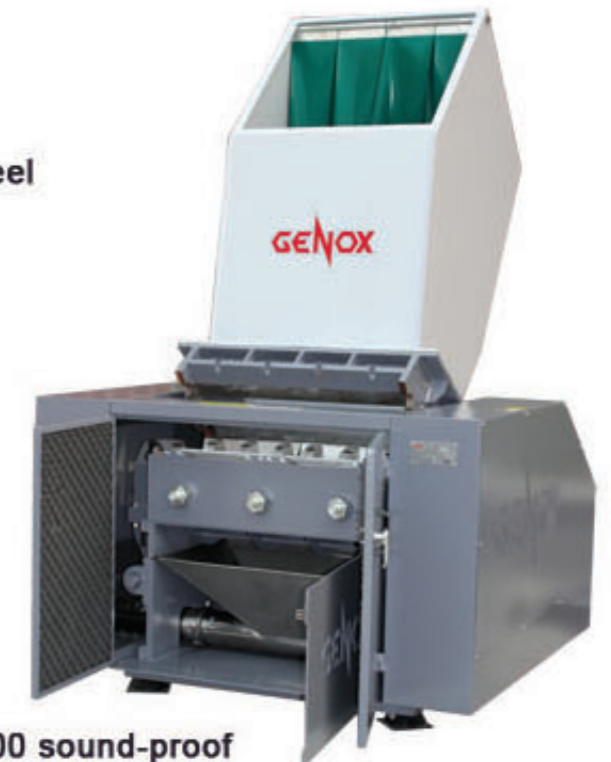
GC600 sound-proof



GC1000 sheet granulator



GC600 with extra fly wheel



GC800 sound-proof

V-rotor (standard rotor)

The V-shape scissor rotor is an high-efficient and energy saving design. Front set V-rotor: Rotor knives are supported by holders, the rotor can accept big load. This type of rotor is suitable for most applications. Back set V-rotor: The space between rows is much bigger; it is ideally for crushing flexible material or secondary crushing.

S-rotor

Rotor knives are arranged at an inclined angle. The single scissor cutting action between rotor and counter knives is the best figuration for crushing bottles and film.

C-rotor

At the back of each knife, the thick holder provides strong support. Rotor knives and holders are at a cascade arrangement; the heavy-duty structure allows the rotor to crush hard and thick material, also popular for profile crushing.



GC V-ROTOR



GC C-ROTOR



GC S-ROTOR

Technical data Gran-Calibur Granulators



Data \ Model	GC600	GC600T	GC800
Dimension (L/W/H) (mm)	1114×1330×1829	1226×1158×2198	1226×1358×2198
Hopper opening (mm)	562×498	562×615	762×615
Rotation diameter(mm)	Φ260	Φ320	Φ320
Rotor operation length (r/min)	600	600	800
Rotation speed(r/min)	580	580	580
Standard screen (mm)	Φ12	Φ12	Φ12
Rotor knives PCS	3×2	3×2	3×2
Counter knives PCS	2×1	2×1	2×1
Drive power (kW)	15	22	30
Weight (kg)	Approx 1000	Approx 1500	Approx 1800

Data \ Model	GC800T	GC1000
Dimension (L/W/H) (mm)	1328×1427×2286	1328×1627×2286
Hopper opening (mm)	762×615	962×615
Rotation diameter(mm)	Φ420	Φ420
Rotor operation length (r/min)	800	1000
Rotation speed(r/min)	580	580
Standard screen (mm)	Φ12	Φ12
Rotor knives PCS	3×2	3×2
Counter knives PCS	2×1	2×1
Drive power (kW)	37	45
Weight (kg)	Approx 3000	Approx 3500

Subject to technical changes without notice



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