

GC / GXC / GMC Series

Granulators



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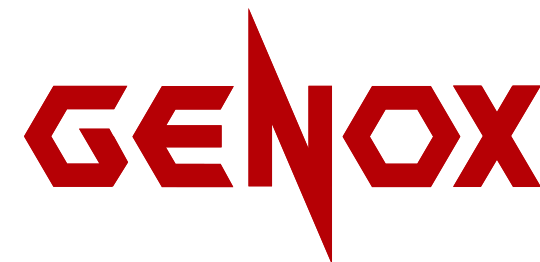


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Configurable Rotor Blade Rows

GXC Series

The large diameter rotors of the GXC series machines are available with a choice of 5, 7 or 9 rows of rotor blades to suit the specific application. They can therefore achieve the ideal combination of power and cutting efficiency, thus ensuring high throughput volumes and top quality granulated products.



V-Rotor

Our standard open V-Rotor with forward set blades is suitable for processing most types of material. The V-cutting (chevron) configuration of the forward set blades creates a highly efficient, double shear, scissor cutting action.



VB-Rotor

The VB-Rotor with rear set blades is intended for lighter duty applications. The greater shear angle achieved by mounting the blade behind the blade holder results in better performance when processing flexible materials such as plastic films.



C-Rotor

The C-Rotor is a heavy duty, high inertia, semi-closed shaft design which creates a cascade cutting effect. This rotor design is ideal for processing particularly hard or thicker materials, but is also well suited to processing profiles.



CS-Rotor

The CS-Rotor is a particularly open rotor design which allows more area for the material to fall into between each of the staggered blades. This rotor is ideal when processing hollow & bulky materials.



GMC-Rotor

The GMC rotor is specially designed for film and winding material. The staggered blades can cut off the material easily. The design of the rotor creates a good air stream go through the chamber, reducing heat build up within the chamber to aid cooling.

Heavy Duty Granulators

GXC Series

GXC Series Heavy Duty Granulators with power ratings of 55kw to 315kw are designed for high throughput processing. With a variety of rotor configurations available, these granulators have a wide range of applications including; hollow and voluminous materials (i.e. plastic drums, crates and chairs), flexible materials such as films, woven bags and rubber, tougher materials such as profiles, thick sheets, and other general plastics.



Auxiliary Flywheel



Sound Proof Enclosure



Hydraulic Opening Device



| GXC Series | | | | |
|-----------------------------|--------------------|--------------------|--------------------|--------------------|
| Model | GXC800 | GXC1200 | GXC1200T | GXC1600T |
| Dimension (L x W x H) (mm) | 2165 × 1780 × 3090 | 2165 × 2180 × 3090 | 2490 × 2270 × 3330 | 2490 × 2670 × 3330 |
| Hopper Opening (L x H) (mm) | 750 × 820 | 1150 × 820 | 1150 × 1020 | 1550 × 1020 |
| Rotation Diameter (mm) | Ø 520 | Ø 520 | Ø 660 | Ø 660 |
| Operation Length (mm) | 800 | 1200 | 1200 | 1600 |
| Rotation Speed (RPM) | 520 | 520 | 520 | 520 |
| Screen Size(mm) | Ø 12 | Ø 12 | Ø 12 | Ø 12 |
| Number of Rotor Knives | 5×2 | 5×2 | 7×2 | 7×4 |
| Number of Counter Knives | 3×1 | 3×2 | 3×2 | 3×2 |
| Main Drive (kW) | 55~75 | 75~90 | 90~132 | 110~160 |
| Hydraulic Power Pack(kW) | 1.5 | 1.5 | 1.5 | 1.5 |
| Weight(kg) | Approx 4400 | Approx 5500 | Approx 7250 | Approx 8500 |

| GXC Series | | | |
|-----------------------------|--------------------|--------------------|--------------------|
| Model | GXC1200G | GXC1600G | GXC2000G |
| Dimension (L x W x H) (mm) | 2650 × 2470 × 3900 | 2650 × 2870 × 3900 | 2650 × 3270 × 3900 |
| Hopper Opening (L x H) (mm) | 1160 × 1150 | 1560 × 1150 | 1960 × 1150 |
| Rotation Diameter (mm) | Ø 800 | Ø 800 | Ø 800 |
| Operation Length (mm) | 1200 | 1600 | 2000 |
| Rotation Speed (RPM) | 480 | 480 | 480 |
| Screen Size(mm) | Ø 12 | Ø 12 | Ø 12 |
| Number of Rotor Knives | 9×2 | 9×4 | 9×4 |
| Number of Counter Knives | 3×2 | 3×2 | 3×4 |
| Main Drive (kW) | 110~160 | 160~250 | 250~315 |
| Hydraulic Power Pack(kW) | 1.5 | 1.5 | 1.5 |
| Weight(kg) | Approx 9300 | Approx 11800 | Approx 15500 |

Granulators

GC Series

GC Series Granulators are high speed granulation machines designed especially for the efficient size reduction of various materials in a single pass. These machines are ideal for processing a multitude of materials including plastics, rubber, fibers, copper cable and light non-ferrous metals amongst others.



PVC



PET



| GC Series | | | |
|-----------------------------|--------------------|--------------------|--------------------|
| Model | GC600T | GC800 | GC800T |
| Dimension (L x W x H) (mm) | 1380 x 1170 x 2200 | 1380 x 1370 x 2200 | 1580 x 1440 x 2300 |
| Hopper Opening (L x H) (mm) | 560 x 615 | 760 x 615 | 760 x 615 |
| Rotation Diameter (mm) | Φ320 | Φ320 | Φ420 |
| Operation Length (mm) | 600 | 800 | 800 |
| Rotation Speed (RPM) | 580 | 580 | 580 |
| Screen Size(mm) | Φ12 | Φ12 | Φ12 |
| Number of Rotor Knives | 3x2 | 3x2 | 3x2 |
| Number of Counter Knives | 2x1 | 2x1 | 2x1 |
| Main Drive (kW) | 22 | 30 | 37 |
| Weight(kg) | Approx 1500 | Approx 1800 | Approx 3000 |

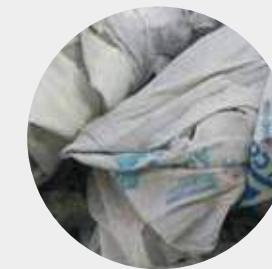
Granulators

GMC Series

GMC Heavy Duty Granulators are designed for high throughput size reduction of larger sized products in a single pass. These machines are specifically designed for treating plastic film or PP big bag material of high contamination. Incorporating various different methods of wear protection such as replaceable wear plates and resistant surface coatings, the GMC machines are well suited to processing abrasive, contaminated materials such as glass filled plastics and dirty films containing sands.



PP PLASTIC FILM



PP WOVEN BAG



| GMC Series | | |
|-----------------------------|--------------------|--------------------|
| Model | GMC800 | GMC1000 |
| Dimension (L x W x H) (mm) | 2165 x 1780 x 3090 | 2165 x 1980 x 3090 |
| Hopper Opening (L x H) (mm) | 760 x 615 | 950 x 810 |
| Rotation Diameter (mm) | 520 | 520 |
| Operation Length (mm) | 800 | 1000 |
| Rotation Speed (RPM) | 520 | 520 |
| Number of Rotor Knives | 8 | 8 |
| Number of Counter Knives | 2 | 4 |
| Main Drive (kw) | 55 | 75 |
| Weight (kg) | 5580 | 6180 |