

GRAN EXCALIBUR



GRAN-EXCALIBUR SERIES

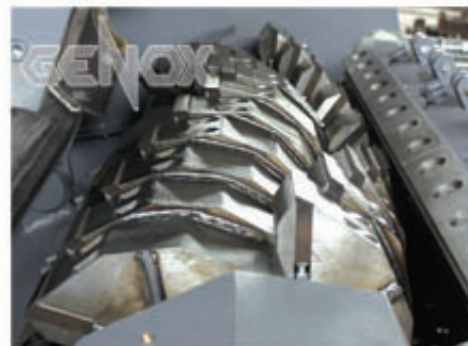
Granulators

Features

GXC series granulators from 55kw to 315kw were specially designed for high throughput processing. With variety of rotor figuration the granulators have a wide range of application, hollow and voluminous material such as plastic drums, crates and chairs; flexible material such as film, woven big-bags and rubber; hard and thick material such as profiles and thick sheets; and other general plastics.



- 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 by hydraulic system 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.
- Three rows of counter knives are mounted around the cutting circle; one row of counter knives is removable for different applications.
- Changeable wear plates made from special steel mounted on both sides of the rotor.
- Screw conveyor installed under the screen for discharge of material.
- Rotor lock and rotor speed sensor is installed for maintenance safety.



Heavy-duty Cascade rotor



Back-set 9-rows rotor



GXC2000G Granulators

Technical data Gran-Excalibur Granulators

Model	GXC800	GXC1000	GXC1200
Dimension (L/W/H) (mm)	2120×1900×3700	2120×2010×3700	2120×2320×3700
Hopper opening (mm)	800×1000	1000×1000	1200×1000
Rotation diameter(mm)	520		
Rotor operation length (r/min)	800	1000	1200
Rotation speed(r/min)	520	520	520
Standard screen (mm)	Φ12	Φ12	Φ12
Rotor knives PCS	5×2	5×2	5×2
Counter knives PCS	2×1	2×1	2×2
Drive power (kW)	55~75	55~90	75~90
Hydraulic power (kW)	1.5	1.5	1.5
Weight (kg)	Approx 4000	Approx 4800	Approx 5500

Model	GXC1000T	GXC1200T	GXC1600T
Dimension (L/W/H) (mm)	2410×2100×4250	2410×2320×4250	2410×2720×4250
Hopper opening (mm)	1000×1130	1200×1130	1600×1130
Rotation diameter(mm)	660		
Rotor operation length (r/min)	1000	1200	1600
Rotation speed(r/min)	520	520	520
Standard screen (mm)	Φ12	Φ12	Φ12
Rotor knives PCS	5×2	5×2	5×4
Counter knives PCS	2×1	2×2	2×2
Drive power (kW)	75~110	90~132	110~160
Hydraulic power (kW)	2.25	2.25	2.25
Weight (kg)	Approx 5800	Approx 7400	Approx 10000

Model	GXC1200G	GXC1600G	GXC2000G
Dimension (L/W/H) (mm)	2750×2670×4630	2750×3070×4630	2750×3470×4630
Hopper opening (mm)	1200×1100	1600×1100	2000×1100
Rotation diameter(mm)	800		
Rotor operation length (r/min)	1200	1600	2000
Rotation speed(r/min)	520	520	520
Standard screen (mm)	Φ12	Φ12	Φ12
Rotor knives PCS	7×2	7×4	7×4
Counter knives PCS	2×2	2×2	2×2
Drive power (kW)	110~160	160~250	250~315
Hydraulic power (kW)	2.25	2.25	2.25
Weight (kg)	Approx 9500	Approx 125000	Approx 16000

Subject to technical changes without notice



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