



Integrating plastic technologies
since 1965

GRANULATORS

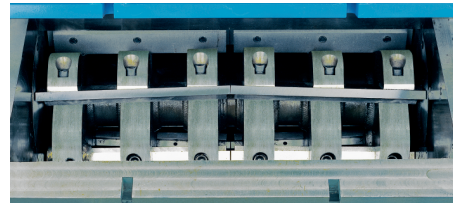
SG-50 Series



SG-5090

SOUND-PROOF CENTRAL GRANULATORS

SG-50 series granulators are applicable to granulate various kinds of plastic materials from injection moulding, blow moulding and extrusion moulding. This series feature compact design, easy operation and quick blades replacing. Gradually cutting and integrated power design offer a better cutting effect and a lower noise level.



Cutting chamber

FEATURES:

- Optimized structure and hermetic double insulated sound-proof layers keep noise level low.
- Rotating cutters adopt newly developed V type cutting technology which can send the feeding material into the center of rotating cutters so to prevent the material from adhering onto the inner side of the cutting chamber while enhancing its wearability.
- The cutters are made of imported high quality steel featuring wearability, high rigidity, long using life and reusable after sharpening.
- Simple cutter installation adjusting technology makes the rotating blades and fixed blades be adjusted within clamps outside machine, no longer needs to be adjusted hard inside machine as before.
- High rigidity material made cutting chamber after processing by CNC machine has features like great thickness, high intensity, super wearability, no contamination, long using life and easy for maintenance and repairing.
- Sound-proof feeding box reduces the noise level in operation, also equips a safety material checking shade which ensures no material sprinkling during granulating.
- V type transmission belt connects the transmission spindle and its pulley which helps to maintain a balanced operation mode, close contact, and also easy to disassemble and repair.
- Feeding box is opened by electrical handspike with self-lock function ensures safely operation.
- Cyclone dust separator is available for choose and the height of the floor stand can be adjusted on different requirements.
- For granulating thick or heavy material, extra fixed knives and balance are available to increase the granulating capacity.

SPECIFICATIONS:

Model	SG-5060	SG-5090
Motor power (kw, 50/60Hz)	30 / 35	45 / 54
Loading blower power (kw, 50/60Hz)	2.2 / 2.6	2.2 / 2.6
Rotating speed (min/r)	516	516
Number of fixed blades	4 (6 as an option)	4 (6 as an option)
Number of rotating blades	10	10
Cutting chamber (mm)	600 x 500	900 x 500
Max. granulating capacity (kg/hr)	1000	1500
Noise level dB(A)	110	110
Material of blades (DC53)	✓	✓
Dia. of mesh hole (10mm)	✓	✓
Dia. of mesh hole (8, 12, 14mm)	0	0
Grinded material conveying device	✓	✓
Enlarge loading blower power (kw, 50/60Hz)	0 (3/3.5kw)	0 (3/3.5kw)
Dust separator (DS-50)	0	0
Full-receiver alarming device	0	0
Electrical handspike motor power (kw)	0.75	0.75

DIMENSIONS

L (mm)	2580	2580
W1 (mm)	2300	2600
W2 (mm)	600	900
W3 (mm)	2120	2120
H1 (mm)	2850	2850
H2 (mm)	725	725
H3 (mm)	2045	2045
H4 (mm)	3153	3153

- Note:** 1) "✓" standard, "0" optional.
 2) The max handling capacity depends on the diameter of the mesh hole and it's material.
 3) DC53 is material code number of Japanese JIS standard.
 4) Noise level will vary according to different materials and motor configuration.
 5) Noise level refers to the following conditions: 1 meter around and 1.6 meter above the machine.
 6) Power supply: 3 ϕ , 230/400/460/575V, 50/60Hz.

