



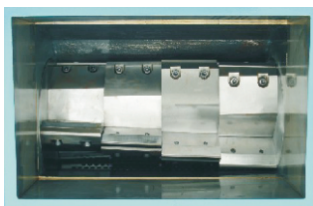
Integrating plastic technologies
since 1965

GRANULATORS

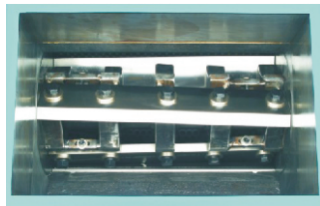
SG-30 Series



SG-3060



Staggered blades



Paddle blades

SOUND-PROOF CENTRAL GRANULATORS

SG-30 series sound-proof central granulators have staggered and paddle blades design. They are suitable for centralized recycling of wastes or rejected parts from injection moulding, blow moulding and extrusion lines. The granulators feature optimizing structure, easy operation, and quick blades changing. Staggered rotating blades can easily grab and cut through the materials. This design makes the machine work more efficiently and can reduce waste of energy to the minimum.

FEATURES:

- Compact in size.
- High quality blades ensure durability.
- Staggered blades design can decentralize working load when granulating to increase cutting efficiency.
- Machine with paddle blades design can be used to granulate sprues, profiles, runners, rejects, etc.
- Blades retainer is designed for quick blades changing without re-adjustment.
- Adjustable angle of material inlet chute for easy material feeding from belt conveyors.
- Full-closed design and sound-proofing ensure low noise level.
- Equipped with motor overload relay and multiple safety devices.
- Easy access for the convenience of maintenance and cleaning.
- Cyclone dust separator can effectively remove the dusts from regrinds.
- Dust collecting bag brings easiness of dust cleaning.
- Regrind conveying system as standard.

SPECIFICATIONS:

Model	SG-3048 (H)	SG-3048P (H)	SG-3060 (H)	SG-3060P (H)
Motor power (kw, 50/60Hz)	11/13.2 (15/18)	11/13.2 (15/18)	15/18 (18.5/22.2)	15/18 (18.5/22.2)
Conveying blower (kw, 50/60Hz)	0.55 / 0.66	0.55 / 0.66	0.55 / 0.66	0.55 / 0.66
Rotor speed (rpm, 50/60Hz)	415 / 500	415 / 500	415 / 500	415 / 500
Type of blades	Staggered	Paddle	Staggered	Paddle
Number of fixed blades	2	2	2	2
Number of rotating blades	3 x 4	3	3 x 5	3
Cutting chamber (mm)	300 x 480	300 x 480	300 x 600	300 x 600
Throughput capacity (kg/hr, 50/60Hz)	185 / 220	185 / 220	220 / 260	220 / 260
Noise level dB(A)	80~85	80~85	80~85	80~85
Material of blades (DC53)	✓	✓	✓	✓
Material of blades (SKH-9)	○	○	○	○
Dia. of screen hole (8mm)	✓	✓	✓	✓
Dia. of screen hole (4, 6, 10, 12mm)	○	○	○	○
Regrind conveying system	✓	✓	✓	✓
Dust separator (DS-30)	○	○	○	○
Manual storage bin	○	○	○	○
Level detector	○	○	○	○

DIMENSIONS

A (mm)	1000	1000	1120	1120
B (mm)	1700	1700	1820	1820
C (mm)	1720	1720	1720	1720
D (mm)	1245	1245	1245	1245
E (mm)	330	330	330	330
F (mm)	975	975	975	975
G (mm)	1510	1510	1510	1510
Weight (kg)	560	560	590	590

- Note:** 1) "✓" standard, "○" optional.
 2) "H" refers to higher motor power. "P" refers to paddle blades.
 3) The max handling capacity depends on the diameter of the screen hole and it's material.
 4) Noise level will vary according to different materials and motor types.
 5) DC53 and SKH-9 are material code number of Japanese JIS standard.
 6) Power supply: 3φ, 230/400/460/575V, 50/60Hz.

