



Integrating plastic technologies
since 1965

GRANULATORS

SG-36 Series



SG-3645



Paddle blades

SOUND-PROOF CENTRAL GRANULATORS

The SG-36 series sound-proof central granulators are suitable for centralised recycling of scrap and rejects from injection moulding, blow moulding and extrusion lines. This range features optimised structure, easy operation and quick blade change. This design allows increased efficiency and reduced energy consumption.

FEATURES:

- Compact in size with attractive appearance and no material contamination.
- High quality blades ensure durability.
- Paddle blade design can be used for granulation of sprues, profiles, runners, rejects, etc.
- Adjustable angle on inlet chute allows easy feeding from belt conveyor.
- Fully closed design and soundproofing ensure low noise level during operation.
- Motor overload relay and multiple safety devices.
- Easy access for maintenance and cleaning.
- Paddle blades
- Stand-alone cyclone dust separator for removal of dust from regrind.
- Dust collection bag assists cleaning.
- Anti-vibration pads absorb vibration.
- Regrind conveying system as standard.

SPECIFICATIONS:

Model	SG-3645 (S)	SG-3660 (S)	SG-3690 (S)
Motor power (kw, 50/60Hz)	15/18 (11/13.2)	22/26.4 (18.5/22.2)	30/36 (22/26.4)
Conveying blower (kw, 50/60Hz)	0.75 / 1.1	1.5 / 1.9	1.5 / 1.9
Rotor speed (rpm, 50/60Hz)	540 / 650	540 / 650	540 / 650
Number of fixed blades	2 x 1	2 x 1	2 x 2
Number of rotating blades	3 x 1	3 x 1	3 x 2
Cutting chamber (mm)	360 x 450	360 x 600	360 x 900
Throughput capacity (kg/hr, 50/60Hz)	600 / 700	800 / 950	1000 / 1200
Noise level dB(A)	80~85	80~85	80~85
Material of blades (DC53)	✓	✓	✓
Material of blades (SKH-9)	○	○	○
Dia. of screen hole (10mm)	✓	✓	✓
Dia. of screen hole (8, 12, 17, 25mm)	○	○	○
Regrind conveying device	✓	✓	✓
Optional conveying blower (kw)	○ (1.5)	○ (2.2)	○ (2.2)
Dust separator (DS-30)	○	○	○
Magnetically charged hood	○	○	○
Level detector	○	○	○

DIMENSIONS

A (mm)	1200	1355	1655
B (mm)	370	370	370
C (mm)	1747	1747	1747
D (mm)	1385	1385	1385
E (mm)	1090	1090	1090
F (mm)	1335	1335	1335
G (mm)	360	360	360
H (mm)	3153	3153	3153
I (mm)	2120	2120	2120
Weight (kg)	950	1100	1600

- Note:** 1) "✓" standard, "○" optional.
 2) "S" refers to smaller motor power.
 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.

