

Soundproof Central Granulators

Ideally suited for beside the press or central operation in injection molding, extrusion, and blow molding plants.

Comet's sturdy, compact SG-23 series medium size soundproof central granulators are designed to use with centralized granulation or beside the press operation with injection, extrusion or blow molding machines. The fully accessible tangential cutting chamber, with clamshell opening hopper and drop down screen chamber, allows for quick blade replacement. The staggered rotor design minimizes dust, noise levels and is less subject to wear when processing abrasive materials. The SG-23 series has various models to meet a wide range of production applications.

Standard Features

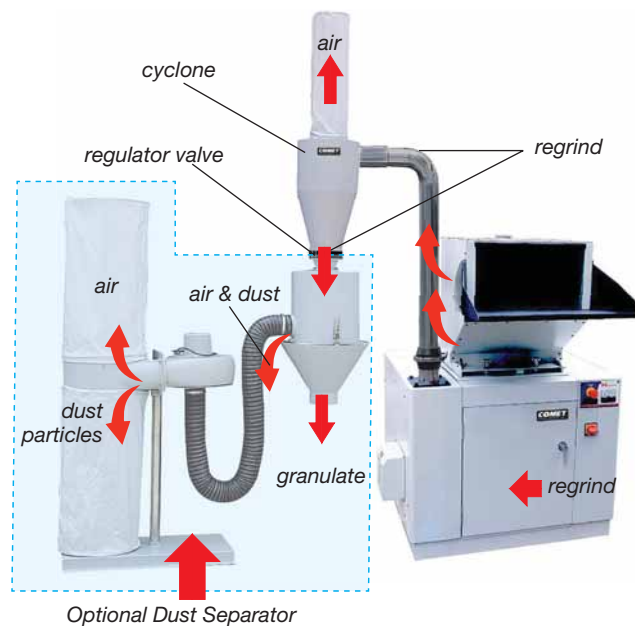
- Compact size with easy access to conveniently clean and maintain.
- High quality blades ensure durability.
- Staggered blade design reduces friction and lowers energy consumption.
- Blade retainer design ensures quick blade changing without re-adjustment.
- Material inlet chute with adjustable angle for easy material feeding from a conveyor belt.
- Soundproofing ensures low noise level.
- Equipped with electrical current relay, motor overload protector, main power disconnect, emergency stop button, and multiple safety features.
- Cyclone dust separator efficiently removes dust from regrind and eases material collecting.
- Dust collecting bag reduces contamination.
- Regrind conveying system, standard.
- Hardened cutting option for glass or fiber-filled materials.



Staggered Blades

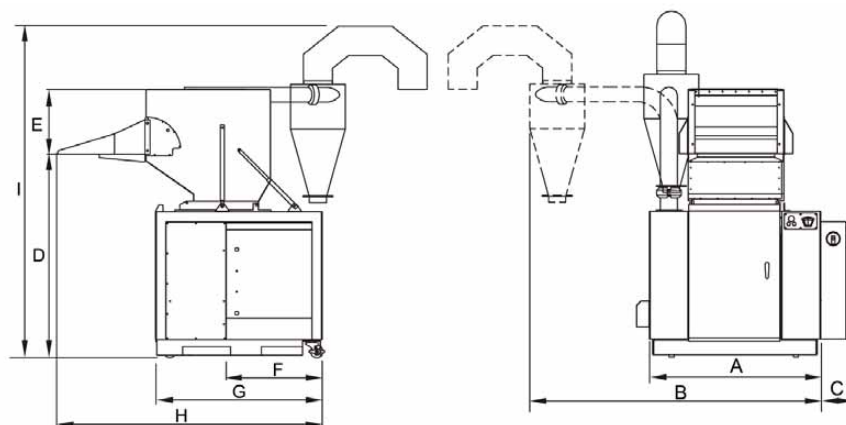


SG-2336



Working Principle of Dust Separator (optional)

The dust separator is designed to work with the cyclone for separating dust from regrind. When the regrind blows into the cyclone, the gravitational force causes the material to drop into the dust separator. The blower in the center of the dust separator sucks the dust into the collecting bag. The regulator valve controls the size of the dust particles being sucked up and down so the regrind material coming out from the dust separator is the desired size.



Specifications

Model	SG-2324 (S)	SG-2336 (S)	SG-2348 (S)
Motor Power (kW, 50/60 Hz)	5.5/6.6 (4/4.8)	7.5/9 (5.5/6.6)	11/13.2 (7.5/9)
Conveying Blower (kW, 50/60 Hz)	0.55 / 0.66	0.55 / 0.66	0.55 / 0.66
Rotor Speed (RPM 50/60 Hz)	415 / 500	415 / 500	415 / 500
Number of Fixed Blades	2	2	2
Number of Rotating Blades	3 x 2	3 x 3	3 x 4
Cutting Chamber (mm)	230 x 240	230 / 360	230 / 480
Throughput Capacity (kg/hr) (50/60 Hz)	90 / 105	120 / 140	150 / 180
Noise Level dB(A)	90~95	90~95	90~95
Blade Material (DC53)	✓	✓	✓
Regrind Conveying System	✓	✓	✓
Dia. of Screen Hole (5/16")	✓	✓	✓
Dia. of Screen Hole (3/16", 1/4", 7/16", 1/2")	○	○	○
Dust Separator (DS-23)	○	○	○
Magnetically Charged Hood	○	○	○
Level Detector	○	○	○
Dimensions			
A (mm)	760	880	1000
B (mm)	1460	1580	1700
C (mm)	190	190	190
D (mm)	1150	1150	1150
E (mm)	300	300	300
F (mm)	500	500	500
G (mm)	895	895	895
H (mm)	1350	1350	1350
I (mm)	1620	1620	1620
Weight (kg)	420 (415)	460 (455)	525 (505)

Note: 1. "✓" standard, "○" optional.

2. "S" refers to smaller motor power.

3. Max. capacity of machine is subject to diameter of the screen hole and composition of the material.

4. Noise levels may vary with different materials and motor types.

5. Power supply: 3φ, 230/400/460/575V, 50/60Hz.

We reserve the right to change specifications without prior notice.

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