

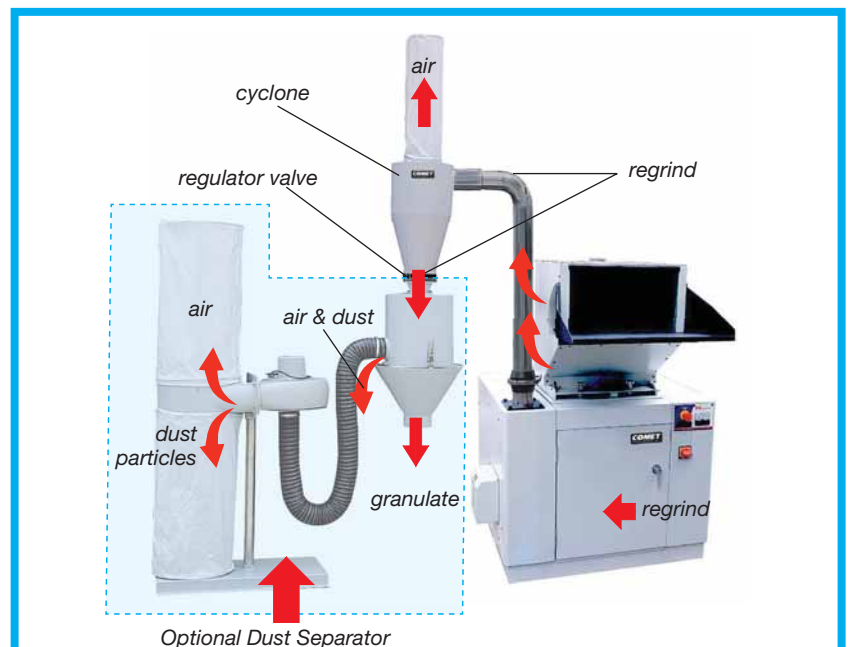
Soundproof Central Granulators

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

Comet's sturdy, compact SG-36 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 paddle rotor design minimizes dust, noise levels and is less subject to wear when processing abrasive materials. The SG-36 series has various models to meet a wide range of production applications.

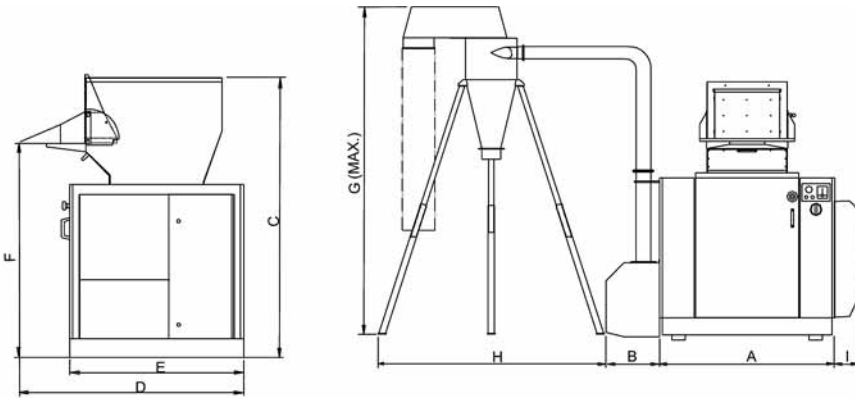
Standard Features

- Compact size with easy access to conveniently clean and maintain.
- High quality blades ensure durability.
- Paddle blades with a blade incline design ensure better cutting outcome while reducing noise.
- Height adjustable floor stand cyclone dust separator effectively separates air from regrind and facilitate material collection.
- 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.



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.



Paddle Blades

Specifications

Model	SG-3645 (S)	SG-3660 (S)
Motor Power (kW, 50/60 Hz)	15/18 (11/13.2)	22/26.4 (18.5/22.2)
Conveying Blower (kW, 50/60 Hz)	1.1 / 1.3	1.5 / 1.9
Rotor Speed (RPM 50/60 Hz)	540 / 650	415 / 500
Number of Fixed Blades	2	2
Number of Rotating Blades	3	3
Cutting Chamber (mm)	360 x 450	360 / 600
Throughput Capacity (kg/hr) (50/60 Hz)	580 / 700	680 / 820
Noise Level dB(A)	90~95	90~95
Blade Material (DC53)	✓	✓
Regrind Conveying System	✓	✓
Dia. of Screen Hole (10 mm)	✓	✓
Dia. of Screen Hole (8, 12, 17, 25 mm)	○	○
Optional Conveying Blower (kW)	○ (1.5)	○ (2.2)
Dust Separator (DS-36)	○	○
Magnetically Charged Hood	○	○
Level Detector	○	○
Modified Feed Chutes for Conveyors	○	○
Dimensions		
A (mm)	1200	1355
B (mm)	370	370
C (mm)	1935	1935
D (mm)	1385	1385
E (mm)	1090	1090
F (mm)	1520	1520
G (mm)	3155	3155
H (mm)	2120	2120
I (mm)	190	190
Weight (kg)	950 (925)	1100 (1085)

- Note:**
1. "✓" standard, "○" optional.
 2. "S" refers to smaller motor power.
 3. Max. capacity of the machine is subject to diameter of screen hole and composition of the material.
 4. Noise level may vary with different materials 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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