

Dust Separators

Dust and fines adhere to plastic granules when frictional static is generated. The SDS series compact dust separators are equipped with a static eliminator to neutralize static between granules and dust. Dust that is separated from material is removed to the dust collection bin by a blower, leaving the clean and static - free material to fall into the material storage bin. Three models are available with a maximum output of 500kg / hr.



SDS-500

Features

- Air inlet is designed for regulation of air flow.
- Easily removable for ease of installation and operation.
- All surface in contact with material are made of stainless steel to eliminate material contamination.
- Equipped with rotary speed adjustable motor to adjust the feeding amount according to actual demand.
- The static eliminator quickly neutralize static electricity on the surface of material.
- The material suction blower is protected from dust by the easy - maintenance air filter and dust collection bin.
- SDS - 500 has alarm indicator for quick fault indicating.
- SDS - 500 has material loading blower and photosensor hopper to perform automatic material loading.
- Upon request, it can be built to comply with worldwide electrical safety standards (For example : CE, UL, CSA, JIS etc.).



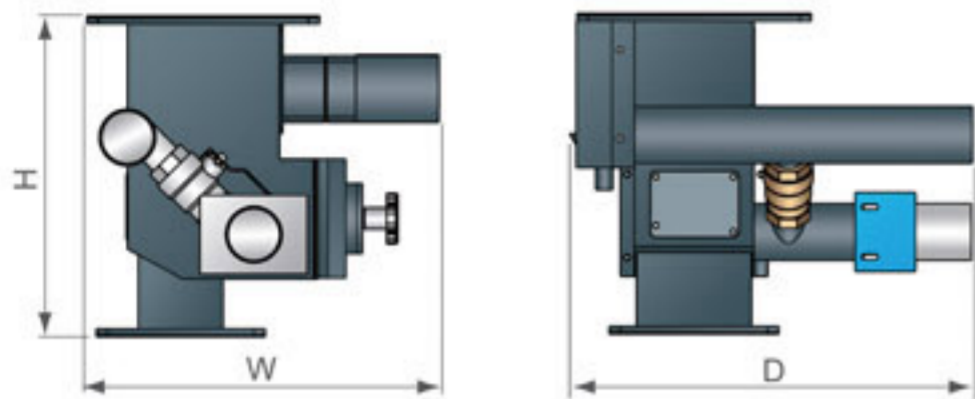
Hopper Receiver
For SDS-500



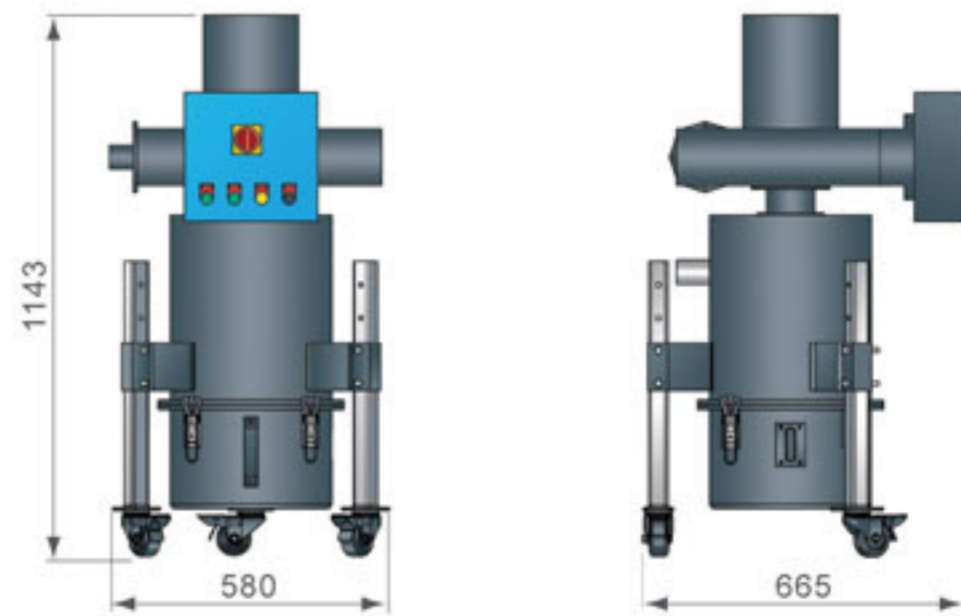
SDS-100



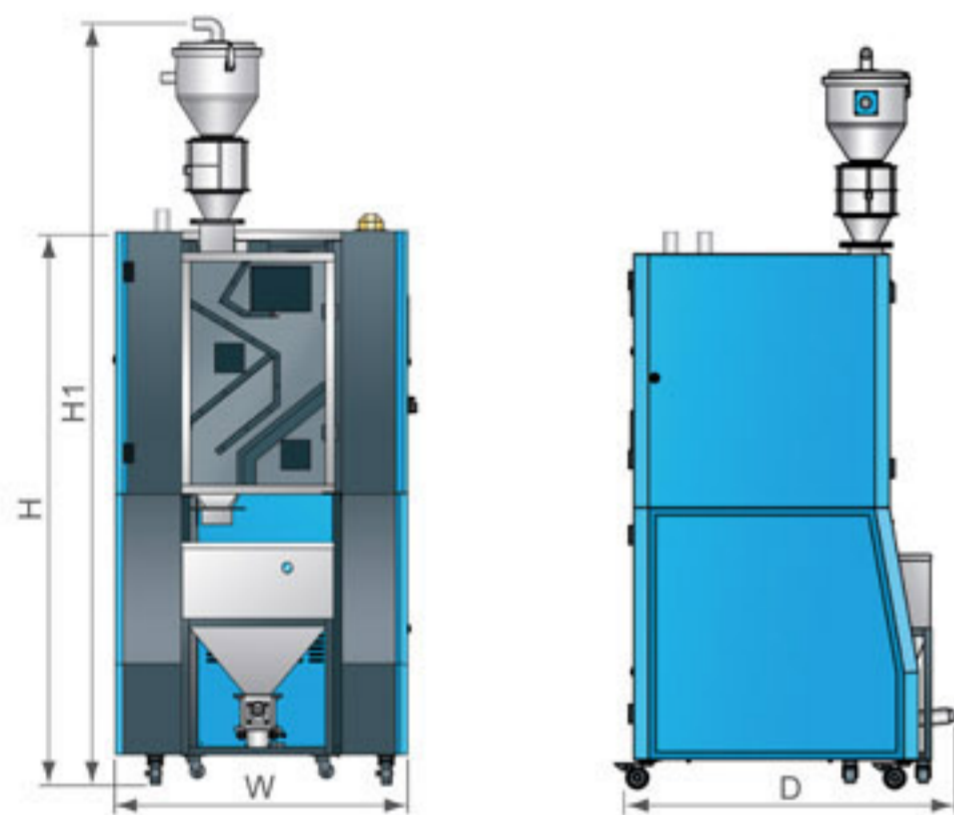
Outline Drawings



SDS-100 / 250



Cyclone Dust Collection Bin



SDS-500



Material Storage Bin



Suction Box

Material storage bin with mobile floor stand and material level sensor.

Specifications

Model	Conveying Blower (kW) (50 / 60Hz)	Feeding Blower (kW) (50 / 60Hz)	Dust Separating Blower	Receiver (kg / hr)	Suction Box	Material Storage Bin	Dimensions (mm)		Weight (kg)
							H(H1) × W × D		
SDS-100	N / A	0.55 / 0.63	N / A	100	N / A	N / A	290 × 320 × 360		75
SDS-250	N / A	0.55 / 0.63	N / A	250	N / A	N / A	460 × 415 × 450		200
SDS-500	1.5 / 1.8	2.2 / 2.6	SHR-12U-E	500	Standard	Standard	1900 (2550) × 1120 × 1010		381

Notes: 1) Machine inside polished, plus " P " at model behind.

2) Max. output capacity is based on the test criteria of continually processing pellet of 2 - 3 mm in dia. and 0.65 in density.

3) Applicable to pellet dedusting and if for processing regrind, the output will be just around 60% of the normal output.

4) Power supply: 3Φ, 230 / 400 / 460 / 575V, 50 / 60Hz.

We reserve the right to change specifications without prior notice.

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