

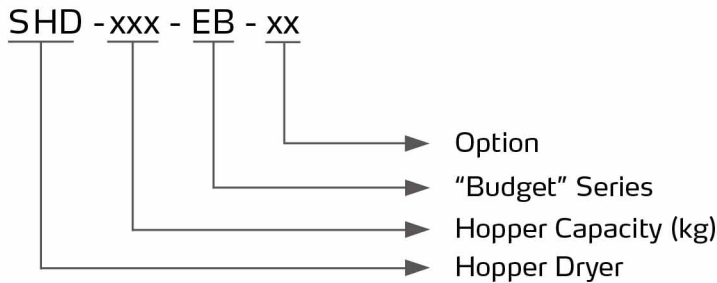
"Budget" Hopper Dryer

SHD-12-EB



Refer carefully to this manual before operation.

■ Coding Principle



■ Features

- Adopt hot air diffuser to gain an even hot air flow to improve drying efficiency.
- Hot air inlet elbow design can prevent dust piling up at bottom of the pipe heaters so as to avoid burning.
- All material contact surfaces are made of stainless steel to eliminate material contamination.
- Hopper separated from its base, ensuring convenient cleaning.
- Adopts heat-insulated blower to prolong blower lifespan.
- SHD-EB series has standard timer
- SHD-EB series of blowers equip with overheat protectors

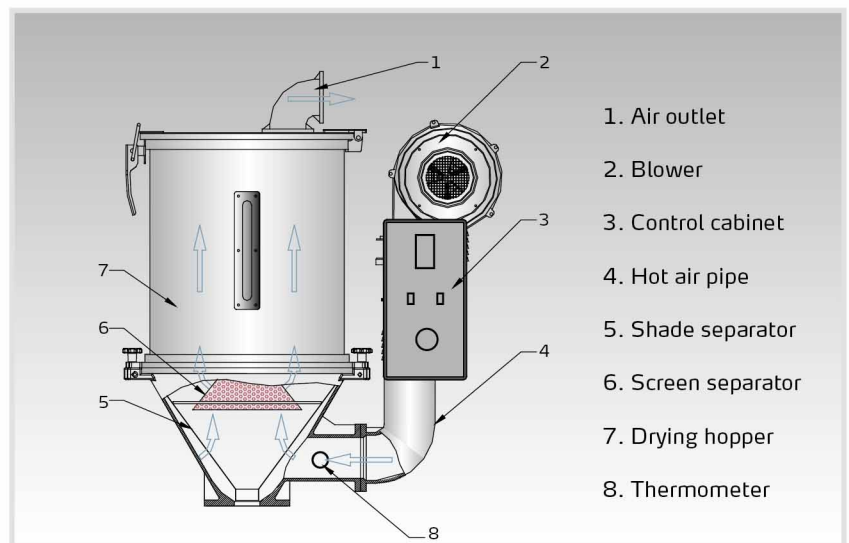


Hopper Inside

■ Working Principle

In the drying process, hot air with constant temperature is blown by a blower into a two-layer insulated hopper to dry the materials. Moisture will be separated out and taken away by hot air, thus to gain a satisfied drying effect.

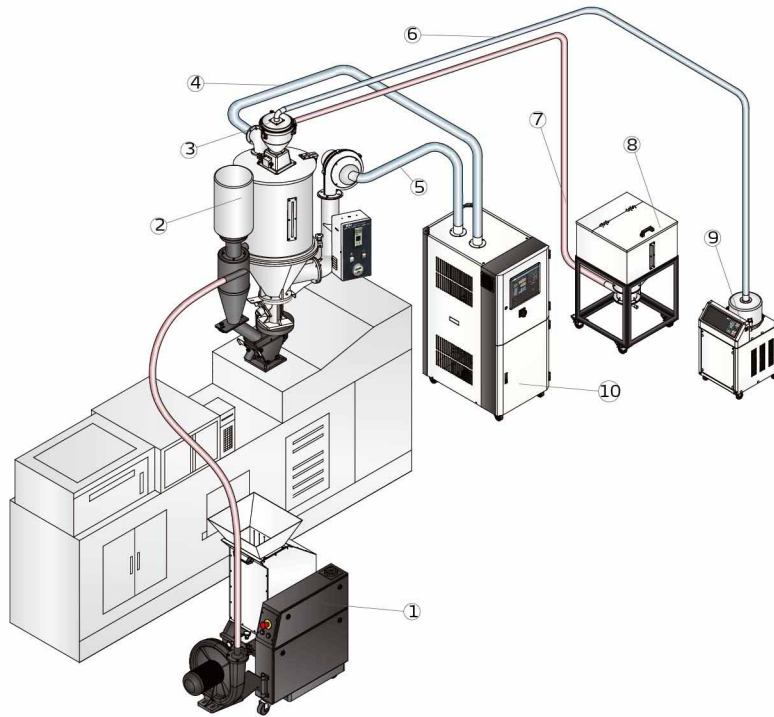
Air blown out of blower became high temperature drying air after being heated. Through screen protector and hole screen, hot air can be equably dispersed in the material of storage tank (see picture). Hot air recycler is optional so the air enter drying blower after being filtered to form a closed loop circle and save electricity.



SHD-EB "Budget"

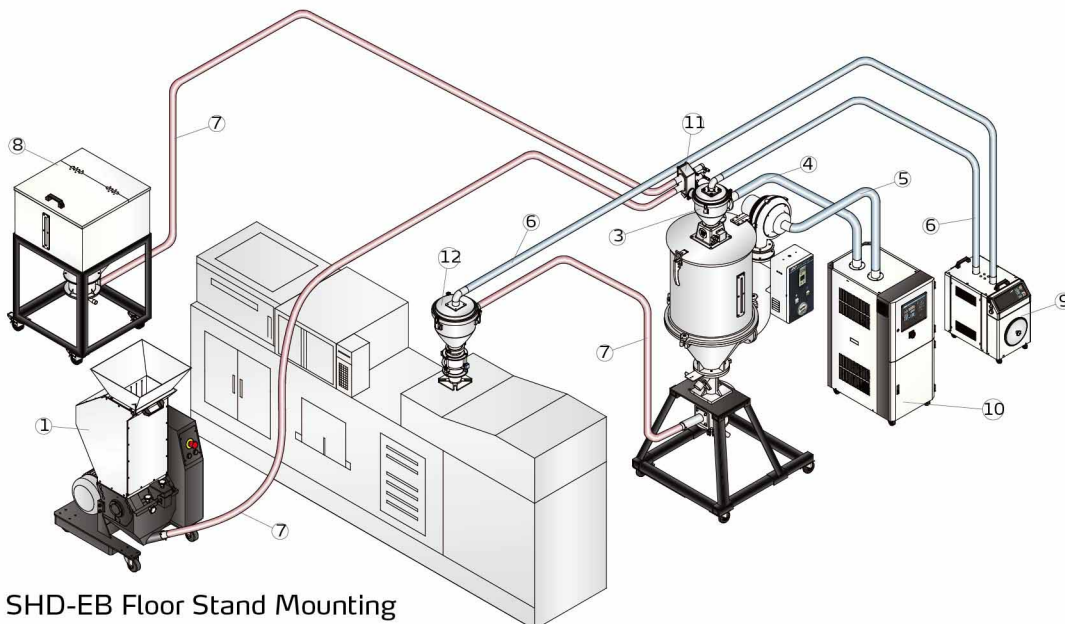
Application

SHD-EB hopper dryers are used for drying hygroscopic plastics, such as PS, PP, and ABS etc., which can reach the highest drying temperature up to 160°C. The double-layer insulation models can offer uniform drying temperature with less heat loss. In addition, multiple accessories are optional to realize different functions, such as recycling hot air and filtering metal impurities in the materials. The floor stand makes machine floor mount available.



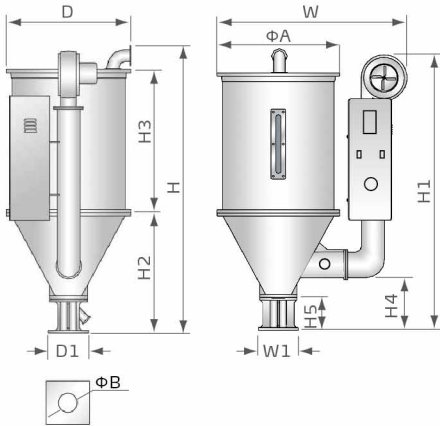
SHD-EB Direct Mounting

- 1.Low-speed granulator
- 2.30-sec instant recycle
- 3.Vacuum hopper
- 4.Return air
- 5.Dehumidifying air
- 6.Vacuum pipe
- 7.Material pipe
- 8.Material storage tank
- 9.Auto loader
- 10.Honeycomb dehumidifier
- 11.Proportional valve
- 12.Photosensor hopper



SHD-EB Floor Stand Mounting

■ Outline Drawings



■ Specifications

Model	SHD-12EB	SHD-25-EB	SHD-50-EB	SHD-100-EB	SHD-200-EB	SHD-400EB
H (mm)	825	1015	1145	1330	1730	1940
H1 (mm)	810	925	1045	1360	1590	1760
H2 (mm)	325	410	380	535	635	710
H3 (mm)	380	460	520	650	920	1040
H4 (mm)	160	194	206	313	338	435
H5 (mm)	110	150	150	175	195	205
W (mm)	670	725	840	1020	1210	1400
D (mm)	350	405	490	640	780	920
D1 (mm)	110	158	158	180	230	280
W1 (mm)	110	148	148	180	230	280
ΦA (mm)	330	385	470	600	750	910
ΦB (mm)	45	55	55	85	110	120

Notes: 1) Above loading capacity is based on particles of 0.65kg/L(5.5lb/gal) bulk density in diameter of 3-5mm (0.1-0.2 inch).

2) Power: SHD-12-50EB is 1/PE/220V, and 75-400EB is 3/N/PE/400V.

We reserve the right to change specifications without prior notice.