



Energy-saving hopper dryer

SHD-50-EH



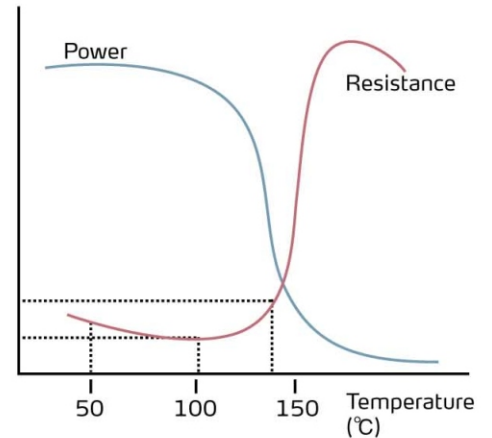
Refer carefully to this manual before operation.

SHD-EH Series

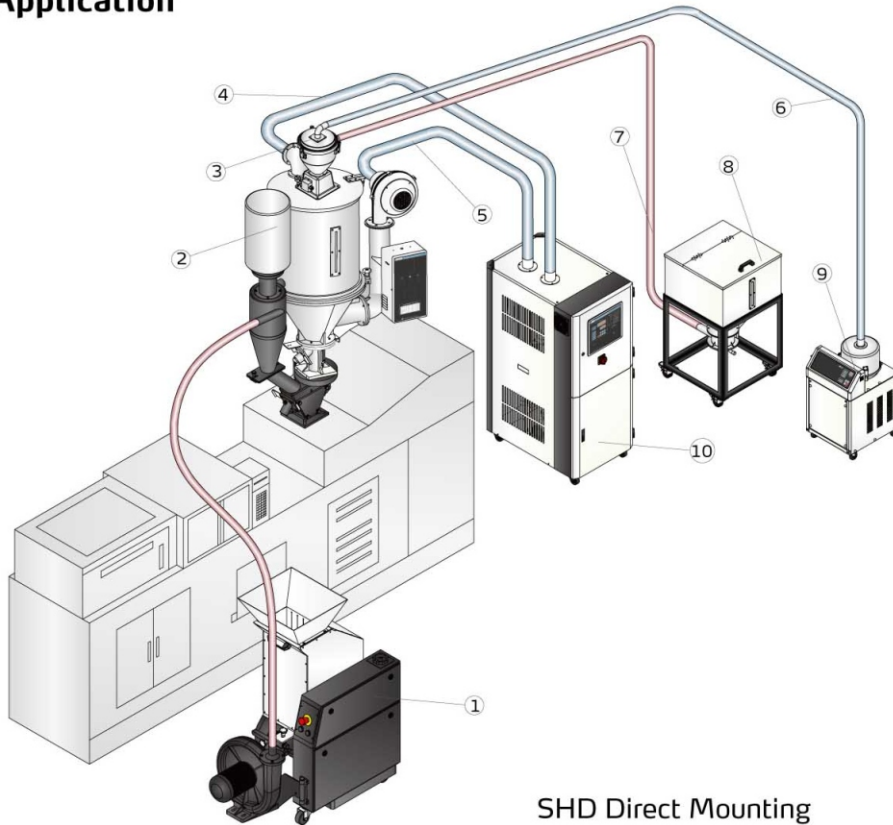
The energy-saving heater uses a special made resistance to heat up. When the heating temperature reaches to a critical value, the resistance value will go up rapidly, sometimes even increase by several orders of magnitude. Consequently, the current going through the heater will rapidly decrease, which actually makes the power reduce to make its temperature not go up any more and keep it in a certain temperature.

■ Features

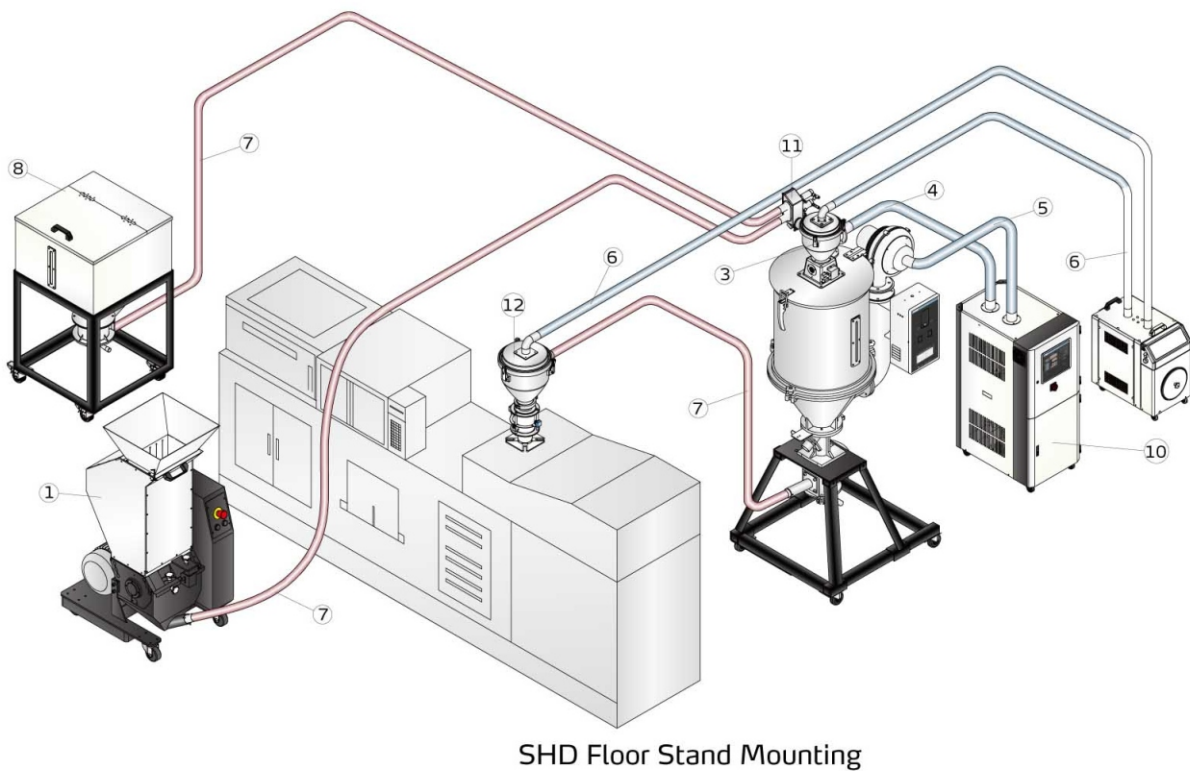
- With double effect & energy-saving heater which is of long service life, energy-saving hopper dryer SHD-EH saves 30% energy more than the traditional heater.
- The heater has self protection function which make the machine won't be damaged by the damage of blower and failure of contactor.
- Possess high effective dispersed hot air diffusing device to ensure uniform drying temperature and improve drying efficiency.
- Having over temperature tripping function, it will automatically cut off the power supply when the drying temperature exceeds the set deviation value.
- Adopt heat-insulated blower to prolong the service life of the machine.



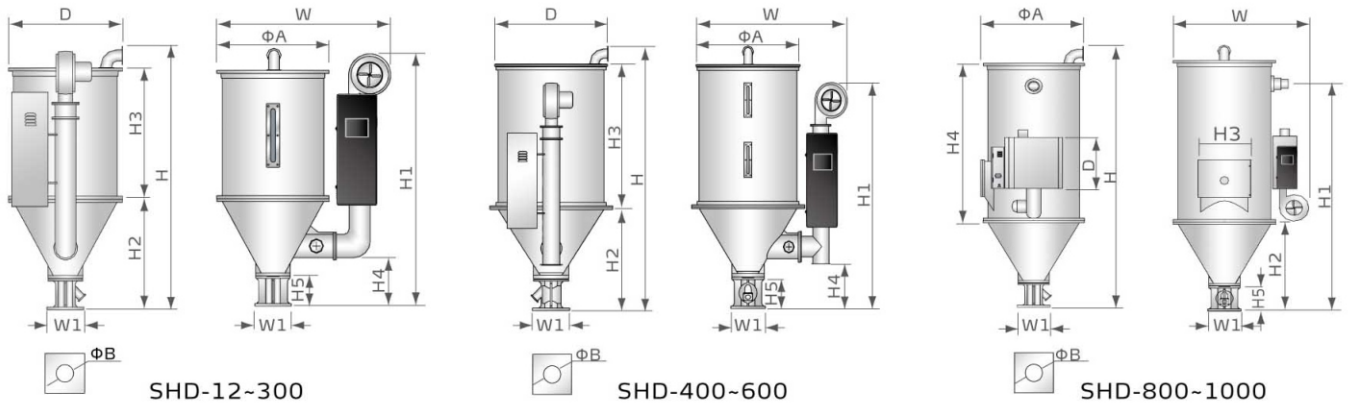
■ Application



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



Outline Drawings



Specifications

Model	SHD-12	SHD-25	SHD-50	SHD-75	SHD-100	SHD-150	SHD-200	SHD-300	SHD-400	SHD-500	SHD-600	SHD-800	SHD-1000
Heater Power (kW)	2.2	3	3.9	4.2	6	6.6	12	15	18	19.5	21	24	32
Blower Power (kW, 50/60Hz)	0.05	0.12	0.12	0.12	0.12	0.12	0.18	0.18	0.18	0.18	0.55	1.1	1.1
Loading Capacity (kg)	12	25	50	75	100	150	200	300	400	500	600	800	1000
H (mm)	865	1015	1145	1240	1340	1580	1750	1985	2105	2285	2530	2700	3000
H1 (mm)	750	925	1045	1150	1340	1605	1480	1480	1840	1840	2015	2240	2470
H2 (mm)	375	410	380	475	470	470	550	550	775	775	775	950	950
H3 (mm)	370	460	520	620	725	970	975	1220	1220	1400	1545	540	540
H4 (mm)	181	194	206	208	233	233	247	247	302	302	302	1550	1845
H5 (mm)	150	150	150	150	158	158	158	158	222	222	222	222	222
W (mm)	660	725	840	900	955	955	1230	1230	1365	1365	1365	1420	1420
D (mm)	360	405	490	550	605	605	770	770	915	915	950	600	600
W1 (mm)	150	150	150	150	220	220	257	257	345	345	345	345	345
ΦA (mm)	325	385	470	530	595	595	750	750	910	910	910	960	960
ΦB (mm)	55	55	55	55	90	90	90	90	105	105	105	105	105
Net Weight (kg)	35	40	45	55	70	75	100	120	165	170	240	280	300

- Notes:
- 1) Magnetic bases are applied to SHD-300 and models below and add "M" at the end of the model code.
 - 2) If equipped with double insulated layer, add "I" at the end of the model code.
 - 3) If equipped with energy-saving heater, add "EH" at the end of the model code.
 - 4) CE is added to model code If it is built to comply with worldwide electrical safety standards.
 - 5) Above loading capacity is based on pellet material of 0.65kg/L in bulk density and 3-5mm in diameter.
 - 6) Power: 3Φ, 230/400/460/575VAC, 50/60Hz.

Shini Group

Addr.: No. 23, Minhe St., Shulin Dist., New Taipei, Taiwan

Tel: +886 2 2680 9119

Fax: +886 2 2680 9229

Email: shini@shini.com