



Hopper Dryer

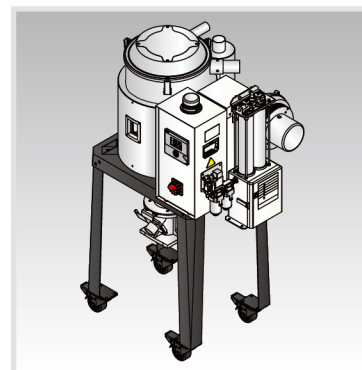
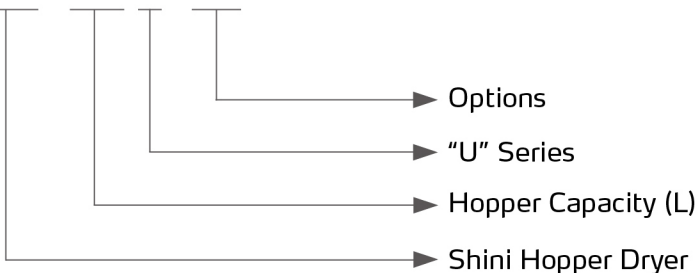
SHD-300U



Refer carefully to the manual before operation.

■ Coding Principle

SHD - xxx U - xxx

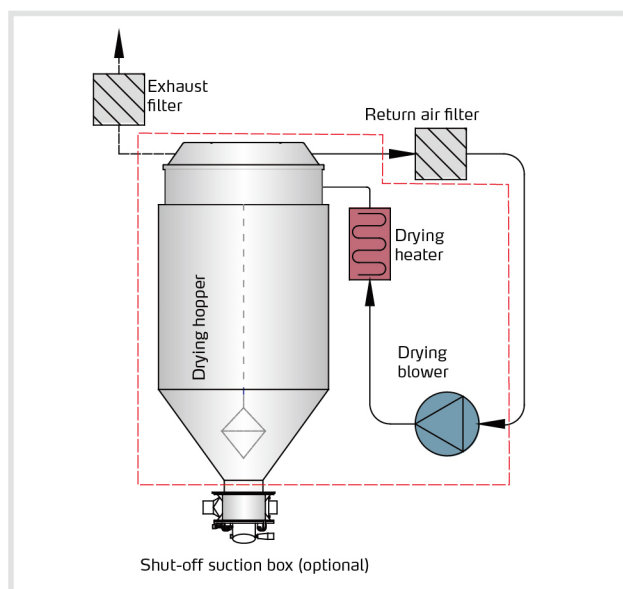


SHD-80U-HD
& Floor Stand (optional)

■ Features

- Adopt P.I.D temperature control and LCD display, with RS485 communication function.
- Overheat protection to ensure reliable operation.
- 7-day Timer.
- Unique design of down-blow air pipe can spread hot air evenly, keeping plastics dry and temperature stable to raise drying efficiency.
- Maximum drying temperature can reach up to 160°C
- SHD-80U and models above have hopper maintenance door for easy and effective maintenance.
- SHD-450U and below models are equipped with standard aluminum base.
- SHD-600U~750U is equipped with aluminium magnetic base. SHD-900U and model above are equipped with manual butterfly valve.
- For SHD-900U models and above, floor stand is standard accessory.
- Double-layer insulation structure ensures uniform temperature with less heat loss.
- All material contact surfaces are made of stainless steel to eliminate material contamination.

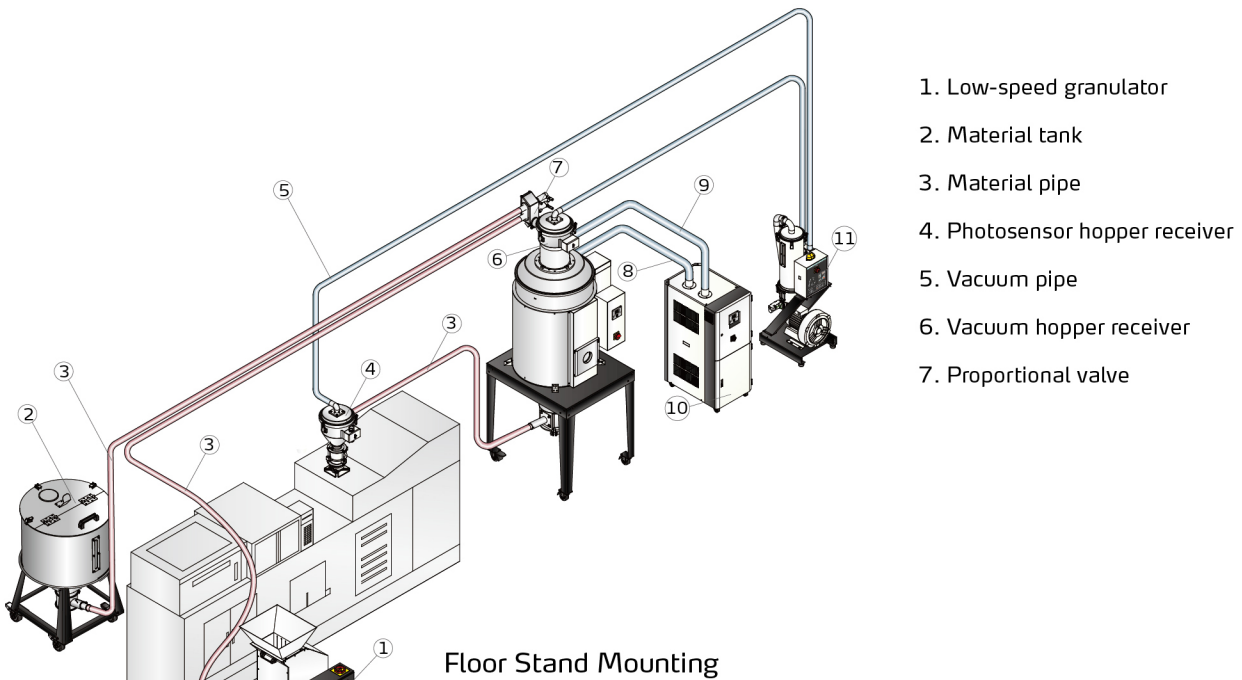
■ Working Principle



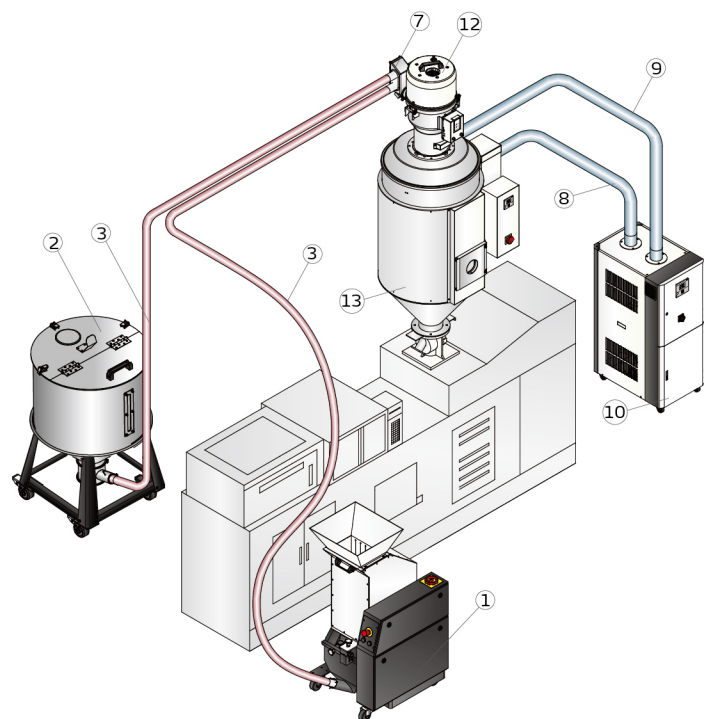
SHD-U Series

Application

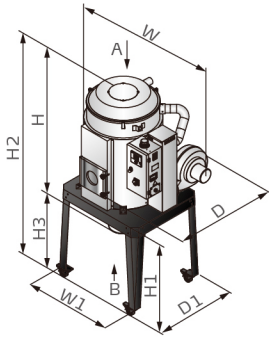
SHD-U hopper dryer can efficiently dry most of standard hygroscopic plastics as to ensure high quality molding products. The concise structure makes it easy to mount on the IMM, and the drying hopper can also be directly mounted on the floor with the floor stand. Besides, there are multiple optional accessories to meet different production demands, such as hot air recycler, magnetic base and maintenance ladder etc.



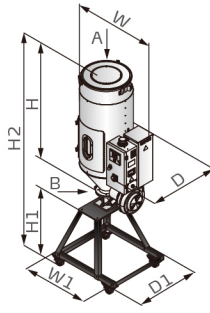
- 8. Dehumidifying air
- 9. Return air
- 10. Honeycomb dehumidifier
- 11. Main Vacuum unit
- 12. Auto loader
- 13. Hopper dryer



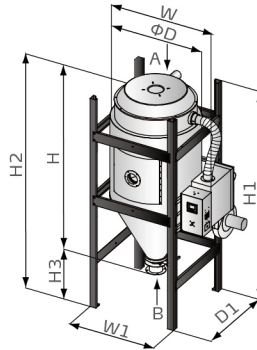
Outline Drawings



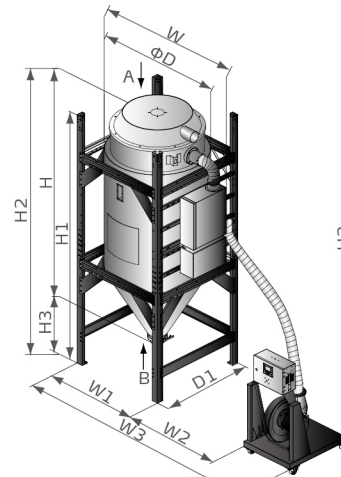
SHD-20U~40U
SHD-160U~750U



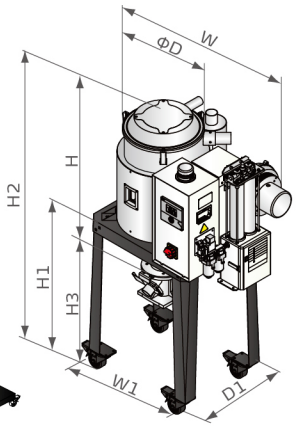
SHD-80U~120U



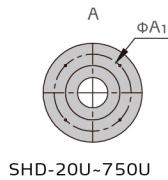
SHD-900U~1200U



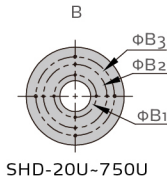
SHD-1500U~8000U



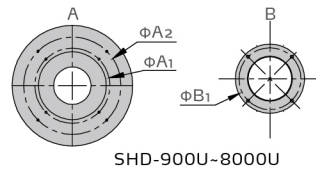
SHD-U-HD



SHD-20U~750U



SHD-20U~750U



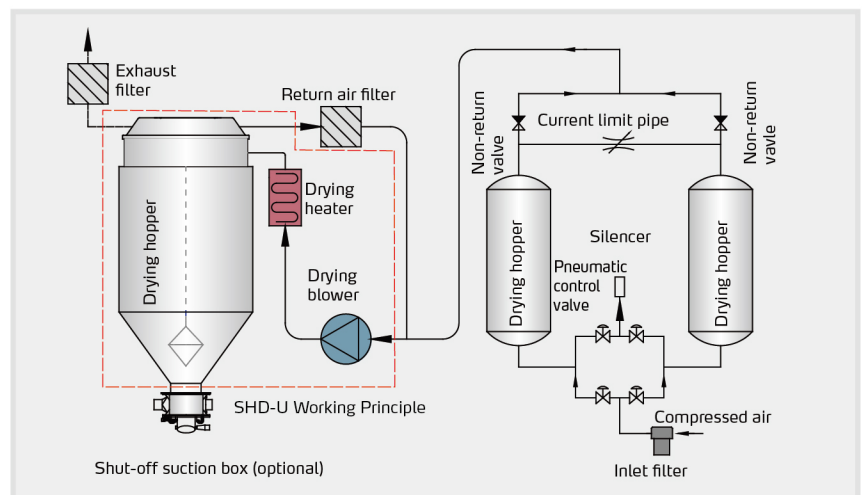
SHD-900U~8000U

Options

Safety Ladder



Optional safety ladder for SHD-1500U and above, and add "ML" at the end of the model code.



SHD-U-HD Working Principle

- Optionally equipped with heatless regenerative air dryer, which could offer low dew point air at room temperature and speed up the drying of material, Add "HD" at the end of the mode code.
- For models with hopper polished inside, add "P" at the end of the mode code.

SHD-U Series

Specifications

Model	Heater (kW)	Blower (kW)	Hopper Capacity (L)	Dimension (mm) H × W × D	Floor Stand (mm) H1 × W1 × D1	W2 (mm)	W3 (mm)	H2 (mm)	H3 (mm)	Air Inlet Pipe (inch)	Air Outlet Pipe (inch)	Net Weight (kg)
SHD-20U	2.2	0.1	20	680×526×614	790×450×550	-	-	1260	570	2	1.5	37
SHD-40U	3	0.12	40	770×700×615	790×580×450	-	-	1300	540	2	1.5	44
SHD-40U-HD	3	0.12	40	770×770×655	790×580×450	-	-	1300	540	2	1.5	52
SHD-80U	3	0.12	80	935×744×532	600×700×640	-	-	1685	600	2.5	2	85
SHD-80U-HD	3	0.12	80	940×860×820	600×700×640	-	-	1685	600	2.5	2	85
SHD-120U	3	0.12	120	1236×744×532	600×700×640	-	-	1990	600	2.5	2	100
SHD-120U(-HD)	3	0.12	120	1190×850×820	600×700×640	-	-	1740	600	2.5	2	108
SHD-160U	6	0.12	160	1200×875×575	920×652×795	-	-	1825	570	3	2.5	90
SHD-230U	6	0.12	230	1480×875×715	920×652×795	-	-	2105	570	3	2.5	100
SHD-230U(-HD)	6	0.12	230	1480×950×910	920×652×795	-	-	2105	570	3	2.5	115
SHD-300U	12	0.18	300	1430×1005×695	970×790×930	-	-	2085	550	3	2.5	157
SHD-450U	12	0.18	150	1840×1005×695	970×790×930	-	-	2435	550	3	2.5	182
SHD-600U	18	0.55	600	1806×1230×1120	1130×1000×1200	-	-	2470	605	4	3	260
SHD-750U	18	0.55	750	2080×1230×1120	1130×1000×1200	-	-	2780	605	4	3	265
SHD-900U	18	0.55	900	2330×1410×1050	2760×1145×1145	-	-	2765	425	4	4	498
SHD-1200U	24	1.1	1200	2765×1410×1050	2990×1145×1145	-	-	3190	425	4	4	578
SHD-1500U	32	3.7	1500	3095×1640×1250	3470×1340×1340	400	2000	3470	360	5	5	685
SHD-2000U	32	3.7	2000	3685×1542×1250	3870×1340×1340	400	2000	3870	360	5	5	770
SHD-2500U	58	5.5	2500	3735×1798×1400	4000×1482×1482	400	2260	4000	295	8	8	800
SHD-3000U	58	5.5	3000	4135×1798×1400	4400×1482×1482	400	2260	4400	295	8	8	900
SHD-3500U	64	15	3500	4535×1798×1400	4800×1482×1482	400	2260	4800	295	8	8	1010
SHD-4000U	64	7.5	4000	4180×2010×1600	4550×1680×1680	400	2460	4635	405	8	8	1160
SHD-5000U	80	7.5	5000	4775×2010×1600	5150×1680×1680	400	2530	5235	390	8	8	1390
SHD-6000U	96	11	6000	4520×2250×1800	4870×1930×1930	400	2780	4923	350	8	8	1530
SHD-7000U	115	18.5	7000	5460×2250×1800	5805×1930×1930	400	2830	5840	380	8	8	1735
SHD-8000U	128	22	8000	6030×2250×1800	5620×1930×1930	400	2830	6425	390	10	10	1820

Flange Mount Size

SHD-	20U	40U	80U 120U	160U 230U	300U 450U	600U 750U	900U 1200U	1500U 2000U	2500U 3000U	3500U 4000U	5000U 6000U	7000	8000U
Φ A1	231.5	231.5	254.5	254.5	254.5	254.5	254.5	254.5	254.5	254.5	254.5	254.5	254.5
Φ A2	-	-	-	-	-	-	330	330	330	330	330	330	330
Φ B1	140	140	140	140	140	140	210	210	210	210	210	210	210
Φ B2	-	-	-	210	210	210	-	-	-	-	-	-	-
Φ B3	-	-	-	-	-	260	-	-	-	-	-	-	-

Notes: 1) Power: 3Φ, 230/400/460/575VAC, 50/60Hz.

We reserve the right to change specifications without prior notice.

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