

节能型输送式除湿干燥机 Energy-efficient Type Compact Dryers

SDL-HD 系列节能型输送式除湿干燥机的设计系统更为简化，以节能减排为设计理念，大大节省了系统之耗电量。该系列集塑料除湿、干燥及输送三种功能为一体，适合干燥对含水率有一定要求的工程塑料，如：ABS、PC、PE、PVC、PU等。该机型利用无热再生装置，提供稳定低露点干燥空气，更容易干燥原料。该系列产品共有 25-200KG 六种机型。

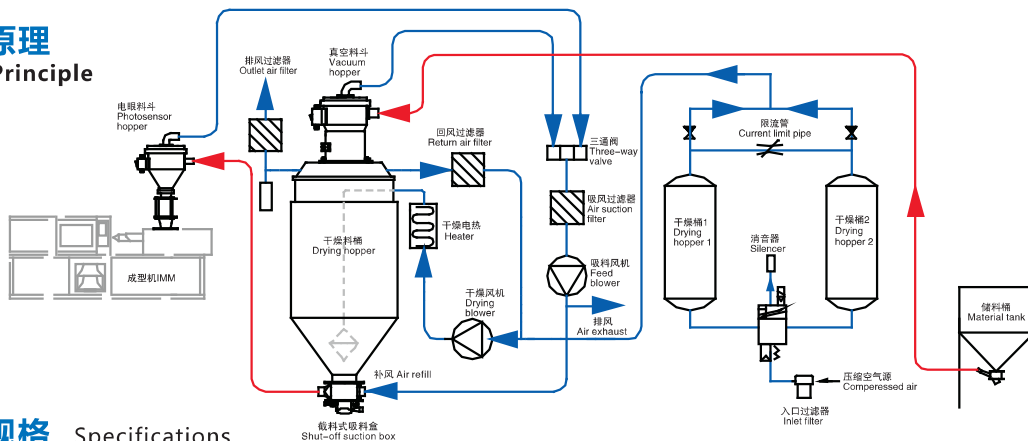
SDL-HD series energy-efficient type compact dryers simplify the design of system which reduces power consumption. It combines conventional hot air drying and two-stage conveying functions into a compact unit. It is suitable for drying engineering plastics which a certain requirement for moisture content such as ABS, PC, PE, PVC and PU. It takes advantage of heatless regenerative device and offers stable low dew-point dried air, can dry material more easily.

■ 本机特点 Features

- ◆ 集除湿、干燥、两段送料三种功能于一体。
 - ◆ 采用无热再生式空气干燥器，露点可达-40℃以下。
 - ◆ 功效高，耗电最低，比传统型节能60%。
 - ◆ 不锈钢双层保温干燥桶采用下吹风管设计，减少热能散失，提高干燥效率。
 - ◆ 不需要冷却水，移动方便。
 - ◆ 送料系统配备截料阀，确保料管中无残余原料。
 - ◆ 结构设计紧凑，不占空间，特别适用于无尘车间。
 - ◆ 可选购PLC控制及LCD触控式人机界面，操作集中方便。
- ◆ Combine the function of dehumidifying, drying and two-stage conveying into single unit.
 - ◆ Adopts heatless regenerative air dryer, dew-point is up to below -40°C.
 - ◆ High efficiency, energy saving up to 60%.
 - ◆ Double layer insulated drying hopper adopts down blow pipe design to avoid heat lost and improve drying efficiency.
 - ◆ It doesn't need to cooling water and can move everywhere.
 - ◆ Feeding system is equipped with shut-off valve to ensure no surplus raw material in hopper tubes.
 - ◆ With compact structure to save space, ideal to high demands on limited space of clean workshop.
 - ◆ PLC control and touch HMI are optional, making operation convenient for machine's automatic running.



■ 工作原理 Working Principle



■ 机型规格 Specifications

机型 Model	处理风量 airflow (L/min)	除湿桶容量 Capacity (kg)	干燥电热 Heater (KW)	干燥风机 Blower (W)	送料风机 Conveying Blower (KW)	吸料管 Conveying Hose Dia	真空料斗 Vacuum Hopper (L)	电眼料斗 Photosensor Hopper (L)	外形尺寸 Dimensions (H*W*D) mm	重量 Weight (kg)
SDL-HD-25	65	25	2.4	125	0.75	1.5"	6	3	1350*1000*850	120
SDL-HD-50	70	50	4	155	0.75	1.5"	6	3	1550*1000*850	130
SDL-HD-75	80	75	4	155	0.75	1.5"	6	6	1800*1000*850	195
SDL-HD-100	120	100	7.2	200	1.1	1.5"	6	6	1880*1400*1000	215
SDL-HD-150	155	150	9	200	1.1	1.5"	6	6	2160*1400*1000	240
SDL-HD-200	195	200	12	300	1.5	1.5"	12	12	2020*1400*1000	310

注: 1) 正压空气压力在4~6kgf/cm²为宜;
2) 机器电压规格为: 3Φ, 380VAC, 50Hz.

Note: 1) Positive air pressure is preferably at 4~6kgf/cm².
2) Power: 3Φ, 380VAC, 50Hz.