



## 三机一体除湿干燥送料组合 “Three-in-One” Compact Dryers

### 说明:

SCD系列除湿干燥送料组合及除湿、干燥、二段送料三种功能于一体广泛适用于各种塑料原料，尤其是吸湿性较强的工程塑料，如PA、PC、PBT、PET等SCD-H型在理想状态也最低可达-40℃的露点该产品采用SD-H系列蜂巢转轮除湿机搭配下吹式全不锈钢欧化保温干燥料桶组合而成。全系列采用PID温控系统为标准装备另提供PLC控制搭配LCD触控式人机界面供选购，提供露点计以及自动填料机供选配。

### Description:

The SCD series "Three-in-One" compact dryers combine drying, dehumidifying, and two-stage conveying functions in a single unit. They are suitable for drying hygroscopic engineering plastics, such as PA, PC, PBT, PET etc. A honeycomb rotor is used in the dehumidifying section.

### 本机特点:

- SCD除湿干燥送料组合一律配备蜂巢转轮可得到稳定性好的低露点干燥空气，造型分为半开放式与全密闭式二种；
- 适用于吸湿性较强的工程塑胶原料如：PA、PC、PBT、PET等；
- 集除湿、干燥、二段送料三种功能于一体，并可选择三段送料功能；
- 保温式干燥料桶采用下吹风管设计搭配旋风排气装置，防止热能散失确保温度提高干燥效率；
- 所有机器均搭配回路密闭的送料系统，可避免干燥后的原料因接触外界空气而再度受潮；
- 该系列除湿系统采用双冷却器结构，确保更低回风温度及露点；
- 送料系统配备截料阀确保料管中无残余原料；
- 该机配备微电脑控制为标准装备，可选购PLC控制及LCD触控式人机界面操作集中方便，可控制整机自动运行；
- 可选配露点计随时监控露点；

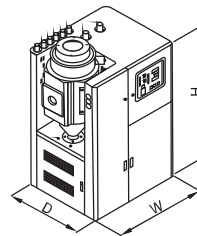
### Features:

- SCD series compact dryers are equipped with honeycomb rotor for dehumidifying. They have two kinds of design: Fully-integral and semi-integral depending on the size.
- Suitable for drying hygroscopic engineering plastics such as PA, PC, PBT PET etc.
- Integration of dehumidifying, drying, and two-stage conveying functions in a single unit. Three-stage conveying is also available as an option.
- Insulated drying hopper features dry air down-blowing and cyclone exhaust design. This improves drying efficiency and reduces energy consumption which maintaining a steady drying effect.
- Closed-loop conveying system eliminates the possibility of moisture reabsorption during material conveying.
- The dehumidifying section of SCD series features two condensers to ensure a low return air temperature and low dew-point.
- Equipped with pneumatic shut-off valve to ensure no material remains in the material line after each loading cycle.
- Material processing is controlled via microprocessor as standard with touch screen PLC control as an option for centralised and automatic operation.
- Dew-point monitor can be fitted to monitor and display dry air dew-point.

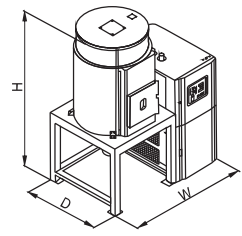


SCD-80U/50

### 外形尺寸图 / Outline Drawing



TCD 全密闭式



TCD 半密闭式



规格表 (全封闭式) / Specification(Full-integral Design):

Drying and Dehumidifying  
除湿干燥系列

机型 Model	SCD- 20L/30H	SCD- 40L/30H	SCD- 40L/50H	SCD- 80L/50H	SCD- 120L/80H	SCD- 160L/80H	SCD- 160L/120H	SCD- 230L/120H	SCD- 230L/150H	SCD- 300L/150H	SCD- 300L/200H	SCD- 450L/200H
<b>干燥系统</b> Drying System												
干燥电热功率 (KW) Process Heater Power	3	3	3.9	3.9	6	6	6	6	7.2	7.2	7.2	7.2
干燥风机功率 (KW) Process Blower Power	0.18	0.4	0.4	0.4	0.75	0.75	0.75	0.75	1.5	1.5	1.5	1.5
保温料桶容量 (L) Drying Hopper Capacity	20	40	40	80	120	160	160	230	230	300	300	450
<b>除湿系统</b> Dehumidifying System												
再生电热功率 (KW) Regen.Heater Power	3	3	3	3	3.5	3.5	3.5	3.5	4	4	5.4	5.4
再生风机功率 (KW) Regen.Blower Power	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.4	0.4	0.4	0.4
除湿风量 (m <sup>3</sup> /hr) Dry Air Capacity	30	50	50	50	80	80	120	120	150	150	200	200
<b>送料系统</b> Conveying System												
送料风机功率 (KW) Conveying Blower Power	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.5	1.5	1.5	1.5	1.5
吸料机配管 (Inch) Dia. Of Conveying Hose	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
THR-U-E料门 (L) THR-U-E Hopper Receiver	3	3	3	6	6	6	6	12	12	12	12	12
THR-U料门 (L) THR-U Hopper Receiver	3	3	3	6	6	6	6	12	12	12	12	12
<b>外形尺寸</b> Dimensions												
H (mm)	1490	1550	1550	1800	1990	1860	1860	2070	2130	2160	2160	2350
W (mm)	1000	1040	1040	1105	1115	1190	1190	1190	1425	1460	1460	1460
D (mm)	875	875	875	875	835	875	875	875	1015	1020	1020	1020
净重 (Kg) Weight	305	325	335	325	340	385	505	515	540	560	565	595

规格表 (全封闭式) / Specification(Full-integral Design):

机型 Model	SCD- 450L/300H	SCD- 600L/300H	SCD- 600L/400H	SCD- 750L/400H	SCD- 750L/500H	SCD- 900L/500H	SCD- 900L/700H	SCD- 1200L/700H
<b>干燥系统</b> Drying System								
干燥电热功率 (KW) Process Heater Power	15	15	18	18	21	21	24	24
干燥风机功率 (KW) Process Blower Power	2.4	2.4	3.75	3.75	5.5*	5.5*	5.5	5.5
保温料桶容量 (L) Drying Hopper Capacity	450	600	600	750	750	900	900	1200
<b>除湿系统</b> Dehumidifying System								
再生电热功率 (KW) Regen.Heater Power	7.2	7.2	7.2	7.2	10	10	10	10
再生风机功率 (KW) Regen.Blower Power	0.75	0.75	0.75	0.75	1.5	1.5	1.5	1.5
除湿风量 (m <sup>3</sup> /hr) Dry Air Capacity	300	300	400	400	500	500	700	700
<b>送料系统</b> Conveying System								
送料风机功率 (KW) Conveying Blower Power	1.5	1.5	1.5	1.5	1.5	2.4	2.4	2.4
吸料机配管 (Inch) Dia. Of Conveying Hose	1.5	1.5	1.5	1.5	1.5	2	2	2
THR-U-E料门 (L) THR-U-E Hopper Receiver	12	12	12	12	12	24	24	24
THR-U料门 (L) THR-U Hopper Receiver	12	12	12	12	12	24	24	24
<b>外形尺寸</b> Dimensions								
H (mm)	2480	2380	2380	2610	2760	2640	2640	3070
W (mm)	1490	1745	1745	1745	2140	2140	2140	2140
D (mm)	1255	1255	1255	1255	1380	1380	1380	1380
净重 (Kg) Weight	600	635	640	690	710	820	850	900

注:  
1) “\*” 表示风机出风口接旁通阀;  
2) 机器电压规格为: 3Φ, 400V, 50Hz.

Note:  
1) “\*” stand for by-pass at blower air outlet.  
2) Powersupply: 3Φ, 400V, 50Hz

注: 产品规格若有变更, 恕不另行通知。  
We reserve the right to change specifications without prior notice.