

● 规格表 Specification Sheet

产品型号Model		TDA-25A	TDA-50A	TDA-75A	TDA-100A	TDA-150A	TDA-200A	TDA-300A
料桶容量 Hopper Capacity	KG	25	50	75	100	150	200	300
干燥电热功率 Drying Heater Capacity	KW	2	2	3	3	4	9	15
干燥风机功率 Drying Blower Capacity	KW	0.25	0.37	0.75	0.75	1.5	2.2	2.2
输送风机功率 Conveying Blower Capacity	KW	1.1	1.1	1.1	1.1	2.2	2.2	1.5
处理风量 Air Capacity	L/min	30	50	80	80	110	150	305
系统电源 Power Supply	V	380VAC 3P/PE 50Hz						
控制电源 Control Voltage	V	220VAC 1P/PE 50Hz						
总功率 Total Power	KW	3.35	3.5	4.85	4.85	7.6	10.4	19
电源线规格 Wires Specifications	mm2	4 × 2.5		4 × 4		4 × 6		4 × 10
电源线长度 Wires Length	M	5						
外观尺寸 Dimensions	L (m)	0.87	0.95	1.16	1.16	1.45	1.45	1.69
	W (m)	0.77	0.77	0.84	0.84	0.94	0.94	1.036
	H (m)	1.8	2.02	2	2.25	2.36	2.73	2.85
露点 Dew point	℃	- 40℃以下 Below -40						
料管口径 Material Pipe Size	inch	1.5						
料斗(成型机上) Hopper Receiver		SR-3E			SR-6E			
机器重量 Weight	KG	160	182	205	217	316	332	400
选配 Option		1.露点显示 Dew-point Indicators 2.旋风分离器 Cyclone Separator						

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

● 干燥能力 Drying Capacities

原料 Material	干燥温度 Drying Temperature(℃)	干燥时间 Drying Tim (hr)	干燥能力/Drying Capacities(kg/hr)						
			TDA-25A	TDA-50A	TDA-75A	TDA-100A	TDA-150A	TDA-200A	TDA-300A
ABS	80	3-4	5	10	18	25	38	50	76
POM	100	2	13	25	30	50	75	100	150
PMMA	80	2-3	12.5	17	22.5	35	46.5	58.5	100
LONOMER	90	4-5	5	10.5	12.5	20	25	36.5	60
Pa6	75	4-6	4.5	9	10	17	25	34	50
Pa6.6	75	4-6	4.5	9	10	17	25	34	50
Pa6.10	75	4-6	4.5	9	11	17	25	34	50
PC	120	3-4	7.5	13	16.5	25	38	50	76
PU	90	2-3	12.5	17	22.5	35	46.5	58.5	100
PBT	130	3-4	8	13	17	24	36	48	72
PE	90	1	25	50	70	100	150	200	300
PET	160	4-6	7	9	12	17	25	34	50
PETG	70	3-4	7.5	13	16.5	25	38	50	72
PPO	110	2	15	25	37.5	50	75	100	150
PP	90	1	25	50	70	100	150	200	300
PD(GP)	80	1	25	50	70	100	150	200	300
PSU	120	3-4	7	13	17	27	36	50	72
PVC	70	1	25	50	70	100	150	200	300
SAN(AS)	80	2	15	25	37.5	50	75	100	150

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三机一体(蜂巢
转轮型三机一体)
3 in 1 Compact
Dehumidifying Dryers

TDB

● 特点 Features

- 标准型三机一体除湿机都配备蜂巢转轮，可得到稳定性好的低露点干燥空气。
- 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。
- 双层保温干燥料桶采用下吹式风管设计，防止热能流失，提高干燥效率。
- 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。
- 多重保护装置。
- 光学级机型所有原料接触面采用不锈钢镜面抛光处理，并且搭配密闭回路的送料系统，可避免干燥后的原料因接触外界空气而再度回潮。
- 采用PID温度控制系统，可精准控制再生温度，确保露点的稳定性。
- 内部装有回风过滤器，确保蜂巢转轮不受原料粉尘污染。
- 采用国外高级进口组件，提高性能及延长使用寿命，节省维修成本。
- 外型粉体烤漆，美观大方。

- 3 in 1 compact dehumidifying dryers are equipped with honeycomb rotor which can acquire stable low dew-point drying air.
- To integrate the function of dehumidifying, drying and two-stage conveying into single unit. Three-stage conveying function is optional.
- Double-wall insulated hopper dryers features down-blowing pipe design to avoid heat dispersion for improving drying efficiency.
- The dehumidifying system employ double coolers for ensuring lower return air temperature and dew-point value.
- Feeding system is equipped with shut-off valve to ensure no remaining material in hopper tube.
- Multiple safety protection device.
- Optical-class models use mirror polished treatment on the material contact surface to avoid material contamination and collocate feeding system with closed-loop in order to avoid the possibility of moisture regain for absorbing outside air during material conveying.
- To adopt P.I.D temperature controller to accurately control regenerative temperature to ensure dew-point stable.
- Return air filter is installed inside to ensure no powder & dust contamination to the honeycomb rotor.
- Using imported superb parts which enhance function and extend service life for saving maintenance cost.
- Powder coated frame of machine with exquisite appearance.

乃是集合除湿，干燥，送料三种功能于一机。三机一体的设计不占空间，体积小特别适用于自动化程度高，空间紧凑的场所。全机采用微电脑控制，控制操作简单，性能稳定，能耗更低，干燥风量50~300 m3/hr。此外也针对光学级产品之生产制造而设计光学级三机一体除湿干燥机，以满足客户不同的需求。

This series integrate the function of dehumidifying, drying, and two-stage conveying into one unit with compact design to save space, ideal to high demands of automation system and limited working space. It adapts PLC controller with the superior features on easy operation, stable function, and low power consumption. The drying air flow ranges from 50~700 m3/hr. In addition, we design optic class 3 in 1 compact dehumidifying dryers for optic products to satisfy with customers' various demands.