干燥除湿系列

DRYING AND DEHUMIDIFYING SERIES

KHD

料斗干燥机

HOPPER DRYER



料斗干燥机
Hopper Dryer



料斗干燥机（带支架）
Hopper Dryer with Support Frame

产品特点

KEY FEATURES

01 高性能热风扩散装置均匀分散热风，保持干燥温度均匀，提高干燥效率。
02 特有热风弯管设计，减少粉屑在电热管底部堆积。
03 料桶内部及内部零件采用不锈钢。
04 料桶与底座可分离，便于清料和快速换料。
05 比例式偏差指示控温器精确控制温度；双层过热保护降低故障风险。
06 可选预热定时、微电脑控制及双层保温料桶。
07 数位 PID 控制、 LED 状态显示及 0–99 小时定时自动开机，依控制配置提供。
08 DT 控制配置可提供间歇干燥以节省用电；上述数位与定时功能按相应配置提供。
09 可配透明视窗型磁铁底座。
10 可选热风回收装置，回风过滤后进入干燥风机，形成循环回路以减少能耗。

FEATURES

01 A high-performance diffuser distributes hot air evenly for consistent drying temperature and improved efficiency.
02 A dedicated hot-air elbow reduces the buildup of fines beneath the heater.
03 The hopper interior and internal components are stainless steel.
04 The hopper separates from the base for easy cleaning and quick material changes.
05 A proportional temperature controller provides precise regulation. Dual overheat protection helps reduce fault-related risks.
06 Preheat timing, microcomputer control and a double-wall insulated hopper are optional.
07 Digital PID control, LED status indication and a 0–99-hour automatic start timer are available with the appropriate control package.
08 The DT control version supports intermittent drying to reduce electricity use. Digital and timer functions depend on the selected configuration.
09 A magnetic base with a transparent viewing window is available.
10 An optional hot-air recovery unit filters return air and recirculates it through the drying blower to reduce energy use.

干燥除湿系列

DRYING AND DEHUMIDIFYING SERIES

料斗干燥机 · 规格参数

HOPPER DRYER · TECHNICAL SPECIFICATIONS

型号 Model	加热功率 Heater (kW)	风机功率 Fan (kW)	装料量 Capacity (kg)	外形尺寸 (mm) L × W × H	净重 Weight (kg)
KHD-12	2.2/3	0.05	12	360×660×790	55
KHD-25	3.3/3	0.12	25	405×725×1015	40
KHD-50	3.9/4.2	0.12	50	490×840×1145	45
KHD-75	4.2/4.8	0.12	75	550×900×1240	55
KHD-100	6/6.6	0.12	100	605×955×1340	70
KHD-150	6.6/7.2	0.12	150	605×955×1620	75
KHD-200	8.4/9.6	0.18	200	770×1230×1580	100
KHD-300	9.6	0.18	300	770×1230×1980	120
KHD-400	18	0.55	400	935×1176×1914	165
KHD-500	19.2	0.55	500	935×1176×2100	170
KHD-600	21	0.55	600	950×1365×2570	240
KHD-800	24	1.1	800	960×1420×2760	280
KHD-1000	32	1.1	1000	960×1420×3195	300

干燥除湿系列

DRYING AND DEHUMIDIFYING SERIES

KHD-U

欧化料斗干燥机

EURO HOPPER DRYER



欧化料斗干燥机
Euro Hopper Dryer



欧化料斗干燥机（带支架）
Euro Hopper Dryer with Support Frame



大型欧化料斗干燥机
Large Euro Hopper Dryer

产品特点

KEY FEATURES

01 不锈钢料斗、双层保温结构，适合配合除湿机处理工程塑料。
02 微电脑温控，数位 PID 控制及 LED 状态显示。
03 下吹式风管均匀分散热风，配合旋风排气保持稳定干燥温度，提高效率。
04 外观整洁，配置过热保护装置。
05 提供一周定时自动开关机功能，减少待机能耗。
06 80U 及以上机型采用可打开的视料门，密封性好，便于清料。
07 1200U 及以上机型配不锈钢托板及铝制底座。
08 1500U 及以上机型配手动蝶阀，并可选护梯。
09 选配高温型时，整机采用全保温结构。
10 可选欧化吸料盒、脚架、料斗磁铁及铝制或不锈钢磁力底座。
11 可选风机入口过滤器、热风回收装置及排风空气滤清器。
12 欧规安全回路型采用 CE 后缀。

FEATURES

01 A stainless steel hopper and double-wall insulation suit use with a dehumidifier for engineering plastics.
02 Microcomputer temperature control combines digital PID regulation with LED status indication.
03 A downward air duct distributes hot air evenly. Cyclone exhaust helps maintain stable drying conditions and improve efficiency.
04 A clean exterior design incorporates overheat protection.
05 A weekly automatic on/off timer helps reduce standby energy use.
06 Models sized 80U and above have an opening inspection door with an effective seal for easy material cleanout.
07 Models sized 1200U and above include a stainless steel support plate and aluminium base.
08 Models sized 1500U and above have a manual butterfly valve and offer an optional access ladder.
09 The optional high-temperature version is fully insulated.
10 Options include a European-style suction box, support frame, hopper magnet and an aluminium or stainless steel magnetic base.
11 Blower-inlet filtration, hot-air recovery and exhaust-air filtration are optional.
12 Versions with a European-standard safety circuit use the CE suffix.

欧化料斗干燥机 · 规格参数

EURO HOPPER DRYER · TECHNICAL SPECIFICATIONS

型号 Model	加热功率 Heater (kW)	风机功率 Fan (kW)	料斗容积 Hopper (L)	主机尺寸 Main unit H×W×D (mm)	脚架尺寸 Frame $H_1 \times W_1 \times D_1$ (mm)	脚架 Frame W_2 (mm)	脚架 Frame W_3 (mm)	总高度 Overall H_2 (mm)	出料口离地 Outlet height H_3 (mm)	进风管径 Air inlet (inch)	出风管径 Air outlet (inch)	净重 Net wt. (kg)
KHD-20U	2.2	0.05	20	680 × 575 × 325	790 × 450 × 550	-	-	1260	570	2	1.5	40
KHD-40U	3	0.12	40	770 × 770 × 394	790 × 580 × 450	-	-	1300	540	2	1.5	70
KHD-80U	3.9	0.12	80	940 × 860 × 472	840 × 730 × 560	-	-	1480	550	2.5	2	85
KHD-120U	3.9	0.12	120	1190 × 860 × 472	840 × 730 × 560	-	-	1740	550	2.5	2	100
KHD-160U	6	0.12	160	1200 × 875 × 575	920 × 652 × 795	-	-	1825	570	3	2.5	90
KHD-230U	6	0.12	230	1470 × 875 × 575	920 × 652 × 795	-	-	2105	570	3	2.5	100
KHD-300U	12	0.18	300	1430 × 1005 × 695	970 × 790 × 930	-	-	2085	550	3	2.5	130
KHD-450U	12	0.18	450	1840 × 1005 × 695	970 × 790 × 930	-	-	2435	550	3	2.5	160
KHD-600U	18	0.55	600	1830 × 1250 × 915	1130 × 1000 × 1200	-	-	2470	605	4	3	200
KHD-750U	18	0.55	750	2080 × 1250 × 915	1130 × 1000 × 1200	-	-	2780	605	4	3	220
KHD-900U	18	0.55	900	2330 × 1410 × 1050	2760 × 1130 × 1130	-	-	2765	425	4	4	410
KHD-1200U	24	1.1	1200	2765 × 1410 × 1050	3190 × 1145 × 1145	-	-	3190	425	4	4	560
KHD-1500U	32	3	1500	3095 × 1640 × 1250	3470 × 1340 × 1340	400	2000	3470	360	5	5	685
KHD-2000U	32	3	2000	3685 × 1542 × 1250	3870 × 1340 × 1340	400	2000	3870	360	5	5	770
KHD-2500U	58	5.5	2500	3735 × 1798 × 1400	4000 × 1482 × 1482	400	2260	4000	295	6	6	800
KHD-3000U	58	5.5	3000	4135 × 1798 × 1400	4400 × 1482 × 1482	400	2260	4400	295	6	6	900
KHD-3500U	64	7.5	3500	4535 × 1798 × 1400	4800 × 1482 × 1482	400	2260	4800	295	6	6	1010
KHD-4000U	64	7.5	4000	4180 × 2010 × 1600	4550 × 1680 × 1680	400	2460	4635	405	8	8	1160
KHD-5000U	80	11	5000	4775 × 2010 × 1600	5150 × 1680 × 1680	400	2530	5235	390	8	8	1390
KHD-6000U	96	15	6000	4520 × 2250 × 1800	4870 × 1930 × 1930	400	2780	4923	350	8	8	1530
KHD-7000U	112	18.5	7000	5460 × 2250 × 1800	5805 × 1930 × 1930	400	2830	5840	380	8	8	1735
KHD-8000U	128	22	8000	6030 × 2250 × 1800	5620 × 1930 × 1930	400	2830	6425	390	10	10	1820

干燥除湿系列

DRYING AND DEHUMIDIFYING SERIES

KD-H

蜂巢转轮除湿机

DESICCANT ROTOR DEHUMIDIFIER



蜂巢转轮除湿机

Desiccant Rotor Dehumidifier

产品特点

KEY FEATURES

01 适合对吸湿性较强的工程塑料进行除湿处理。
02 蜂巢转轮在理想条件下可实现约– 40°C 露点。
03 PID 温控系统为标准配置，可精确控制再生温度。
04 双冷却器结构有助于降低回风温度及露点。
05 可选干燥电热与温控表，搭配干燥料斗实现除湿干燥。
06 内置回风过滤器，减少原料粉尘污染蜂巢转轮。
07 可选 PLC 控制及 LCD 触控人机界面。
08 可选露点计，实时监控除湿效果。

FEATURES

01 Designed to dehumidify highly hygroscopic engineering plastics.
02 The desiccant rotor can achieve a dew point of approximately −40°C under ideal conditions.
03 Standard PID control precisely regulates regeneration temperature.
04 A dual-cooler design helps lower return-air temperature and dew point.
05 Optional drying heaters and temperature controls allow dehumidifying and drying operation with a drying hopper.
06 An internal return-air filter protects the desiccant rotor from material dust.
07 PLC control with an LCD touchscreen interface is optional.
08 An optional dew-point meter provides real-time monitoring of dehumidification performance.

干燥除湿系列

DRYING AND DEHUMIDIFYING SERIES

蜂巢转轮除湿机 · 规格参数

DESICCANT ROTOR DEHUMIDIFIER · TECHNICAL SPECIFICATIONS

型号 Model	再生加热功率 Regeneration heater (kW)	再生风机功率 Regeneration fan (kW)	干燥加热功率 Drying heater (kW)	干燥风机功率 Drying fan (kW)	干燥风量 Dry air volume (m^3/h)	进出风管径 Air pipe diameter (inch)	冷却水需求 Cooling water (L/min)	外形尺寸（mm） L × W × H	净重 Net weight (kg)
KD-40H	4	0.4	4	0.12	40	2	5	860 × 510 × 1260	145
KD-80H	3	0.4	6	0.75	80	2	10	820 × 530 × 1360	170
KD-120H	3	0.4	6	0.75	120	2	15	820 × 530 × 1360	170
KD-200H	4	0.4	12	1.5	200	2.5	30	1050 × 660 × 1560	265
KD-400H	7.2	0.75	18	3.75	400	3	50	1255 × 700 × 1745	330
KD-700H	10	1.5	24	7.5	700	4	80	1380 × 900 × 1935	480
KD-1000H	15	3.75	32	13	1000	5	120	1550 × 1300 × 2145	700
KD-1500H	28	7.5	58	9×2	1500	6	180	2150 × 1410 × 2060	1010
KD-2000H	28	7.5	80	13×2	2000	8	240	2150 × 1410 × 2060	1300
KD-3000H	32	9	96	13×3	3000	8	360	2160 × 2035 × 2240	1600
KD-4000H	56	5.5×2	128	13×4	4000	12	480	2250 × 2750 × 2060	2200

干燥除湿系列

DRYING AND DEHUMIDIFYING SERIES

KCD

三机一体除湿干燥机

3-IN-1 DEHUMIDIFYING DRYER



三机一体除湿干燥机

3-in-1 Dehumidifying Dryer



双斗除湿干燥送料组合

Dual-Hopper Dehumidifying, Drying & Conveying System

产品特点

KEY FEATURES

01 标配蜂巢转轮，提供稳定低露点干燥空气；有半开放式及全密闭式结构。
02 适用于 PA 、 PC 、 PBT 、 PET 等吸湿性工程塑料。
03 集除湿、干燥与两段送料于一体，可选三段送料功能。
04 保温干燥料桶采用下吹式风管与旋风排气，减少热量散失，提高干燥效率。
05 闭路送料系统减少干燥物料接触外界空气，降低再次吸湿风险。
06 双冷却器除湿结构有助于降低回风温度及露点。
07 送料系统配截料阀，减少料管残余物料。
08 标配微电脑控制，可选 PLC 与 LCD 触控界面，集中控制整机自动运行。
09 可选露点计，实时监控露点。

FEATURES

01 A standard desiccant rotor supplies stable, low-dew-point drying air. Semi-open and fully enclosed designs are available.
02 Suitable for hygroscopic engineering plastics such as PA, PC, PBT and PET.
03 Integrates dehumidification, drying and two-stage conveying, with optional three-stage conveying.
04 The insulated hopper uses a downward air duct and cyclone exhaust to reduce heat loss and improve drying efficiency.
05 A closed conveying circuit limits contact with ambient air, reducing the risk of moisture regain after drying.
06 A dual-cooler dehumidifying circuit helps lower return-air temperature and dew point.
07 A material shut-off valve helps clear residual material from the conveying line.
08 Microcomputer control is standard. Optional PLC control and an LCD touchscreen provide centralized automatic operation.
09 An optional dew-point meter enables real-time dew-point monitoring.

干燥除湿系列

DRYING AND DEHUMIDIFYING SERIES

三机一体除湿干燥机 · 规格参数

3-IN-1 DEHUMIDIFYING DRYER · TECHNICAL SPECIFICATIONS

型号 Model	干燥加热 Drying heater (kW)	干燥风机 Drying fan (kW)	料桶容积 Hopper (L)	再生加热 Regen. heater (kW)	再生风机 Regen. fan (kW)	除湿风量 Dry air (m^3/h)	送料风机 Conveying (kW)	输料管径 Material pipe (inch)	真空料斗 Vacuum (L)	电眼料斗 Sensor (L)	外形尺寸 Dimensions L×W×H (cm)	净重 Net wt. (kg)
KCD-80U/50H	4	0.4	80	3	0.4	50	1.5	1.5	3*	6	100 × 124 × 167	330
KCD-120U/80H	6	0.75	120	3	0.4	80	1.5	1.5	3*	6	100 × 124 × 171	385
KCD-120U/120H	6	0.75	120	4	0.4	120	1.5	1.5	6	6	73.4 × 112 × 195	340
KCD-160U/120H	6	0.75	160	4	0.4	120	1.5	1.5	6	6	73.4 × 112 × 210	390
KCD-230U/120H	6	0.75	230	4	0.4	120	1.5	1.5	12	12	73.4 × 122 × 210	420
KCD-300U/200H	12	1.5	300	4	0.4	200	1.5	1.5	12	12	102 × 146 × 216	565
KCD-450U/200H	12	1.5	450	4	0.4	200	1.5	1.5	12	12	102 × 146 × 235	595
KCD-600U/400H	15	3	600	7.2	0.75	400	2.2	1.5	12	12	112 × 151 × 253	650
KCD-750U/400H	15	3.75	750	7.2	0.75	400	3	1.5	12	12	142 × 216 × 278	764
KCD-900U/500H	21	5.5	900	10	1.5	500	3	2	12	12	142 × 216 × 322	830
KCD-1200U/800H	24	11	1200	10	1.5	800	3	2	12	12	146 × 140 × 350	910