

小型除湿干燥机

SMALL DEHUMIDIFICATION DRYER

特点：

- ◎采用分子筛蜂巢转轮设计,理想状态下可提高稳定低露点(≤-40℃)的干燥空气；
- ◎内置多种常见原料工艺配方，只需要选择原料种类，系统自动设置干燥温度及风量；
- ◎自适应功能，设置温度后系统自动运行调节干燥风量及再生风量；
- ◎自动保温功能，当机器停止供料时，自动进入保温状态，节省能源，防止原料过度干燥的同时保障随时以提供干燥原料；
- ◎双层保温设计，夹层采用优质加厚保温材料，可确保温度均匀热损失更少，更节能环保；
- ◎液晶显示微电脑控制器，控温精度可达±0.1℃，配备一周24小时定时功能，实现整机预约自动运行；
- ◎配备通讯功能，实现自动化远程管理；
- ◎可选配露点计，方便实时监控露点。

FEATURE:

- ◎Adopted molecular sieve honeycomb runner design, it can improve dry air with stable low dew point (≤-40℃) under ideal conditions;
- ◎Built-in process formulas for various common raw materials; simply select the raw material type, and the system automatically sets the drying temperature and air volume;
- ◎Adaptive function: after setting the temperature, the system automatically adjusts the drying air volume and regeneration air volume;
- ◎Automatic heat preservation function: when the machine stops feeding, it automatically enters heat preservation mode, saving energy and preventing over-drying of raw materials while ensuring dry materials are always available;
- ◎Double-layer insulation design, interlayer is made of thickened insulation materials, can ensure uniform temperature, less heat loss, more energy-saving and environmentally friendly;
- ◎LCD display microcomputer controller, temperature control accuracy can reach ±0.1℃, equipped with a 24-hour timing function a week, realizing automatic operation of the whole machine by appointment;
- ◎Equipped with communication function to realize automated remote management;
- ◎Optional dew point meter to facilitate real-time monitoring of dew point.

XC - MDD

**U / **H - **

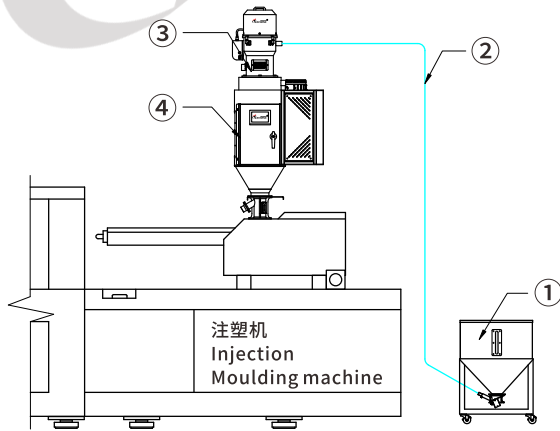
选装件 Option

除湿风量(m³/Hr) Dry air volume(m³/Hr)

干燥机料桶容量(L)Drying Bucket capacity(L)

小型除湿机 Small dehumidification dryer

工作原理 WORKING PRINCIPLE



技术参数 SPECIFICATIONS

机型Model (XC-)	MDD20U/20H	MDD40U/20H	MDD80U/30H
干燥电热功率 Drying Electric Heating Power (KW)	1.2	1.5	1.5
干燥风机功率 Drying Blower Power(KW)	0.2	0.4	1.2
再生电热功率 Regen Electric Heating Power (KW)	1.2	1.2	1.5
再生风机功率 Regen Blower Power(KW)	0.18	0.18	0.2
除湿风量 Dry Air Capacity(m³/hr)	20	20	30
料桶容量 Hopper Volume(L)	20	40	80
电压 Voltage	230V/50HZ/1P	230V/50HZ/1P	230V/50HZ/1P
设计干燥温度 Design Drying TEMP (°C)	140	140	140
外形尺寸Dimension (mm)			
H	945	1020	1100
W	600	635	770
D	550	560	685

- ①储料箱 Material Tank
- ②料管 Material Pipe
- ③欧化吸料机 Euro-Auto Loader
- ④小型除湿机 Small Dehumidification Dryer

产品规格若有改变，恕不另行通知。We reserve the right to change specifications without prior notice.

自适应智能节能除湿干燥送料组合

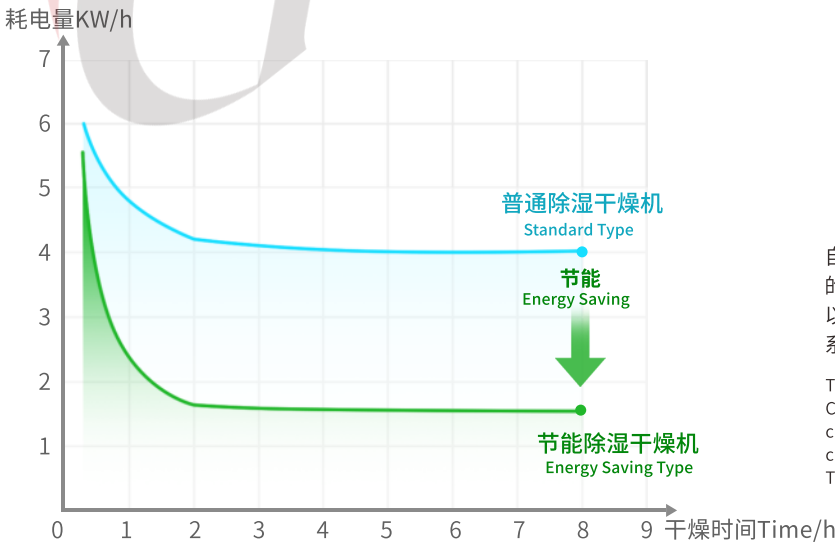
SELF-ADAPTIVE INTELLIGENT ENERGY-SAVING ALL-IN-ONE COMPACT DRYER

特点：

- ◎高效节能，对比普通机型同等工况下可节能25%-60%；
- ◎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；
- ◎在理想工况下，能够连续提供稳定-40℃低露点的干燥空气；
- ◎该机配备LCD触控屏人机界面操作，工作状态实时显示，控温精度可达±0.1℃；
- ◎内置多种常见原料工艺配方，只需要选择原料种类，系统自动设置干燥温度及风量；
- ◎自适应功能，设置温度后系统自动运行调节干燥风量及再生风量；
- ◎自动保温功能，当机器停止供料时，自动进入保温状态，节省能源，防止原料过度干燥的同时保障随时以提供干燥原料；
- ◎具有超温、低温报警保护功能；
- ◎采用SSR固态继电器控制；
- ◎具有超温脱扣功能，当干燥温度超过设定温度偏差值时，自动切断电源；
- ◎配备一周24小时定时功能，实现整机预约自动运行；
- ◎配备通讯功能，实现自动化远程管理。

FEATURE:

- ◎High efficiency and energy saving, achieving 25%-60% energy savings compared to conventional models under the same working conditions;
- ◎Integrates three functions—dehumidification, drying, and two-stage feeding—into one unit, with an optional three-stage feeding function. The insulated drying hopper features a downward-blowing air duct design paired with a cyclone exhaust device to prevent heat loss, ensure temperature stability, and improve drying efficiency;
- ◎Under ideal working conditions, it can continuously provide stable dry air with a low dew point of -40℃;
- ◎The machine is equipped with an LCD touch screen interface for human-machine interaction, displaying real-time working status, with temperature control accuracy up to ±0.1℃;
- ◎Built-in process formulas for various common raw materials; simply select the raw material type, and the system automatically sets the drying temperature and air volume;
- ◎Adaptive function: after setting the temperature, the system automatically adjusts the drying air volume and regeneration air volume;
- ◎Automatic heat preservation function: when the machine stops feeding, it automatically enters heat preservation mode, saving energy and preventing over-drying of raw materials while ensuring dry materials are always available;
- ◎Equipped with over-temperature and low-temperature alarm protection functions.
- ◎Adopt SSR solid-state relay control;
- ◎It has over-temperature trip function. When the drying temperature exceeds the set temperature deviation value, the power supply will be automatically cut off;
- ◎Features a 24-hour weekly timer function, enabling scheduled automatic operation of the entire machine;
- ◎Equipped with communication capabilities for automated remote management.



XC-D160L/120H-ECH



自适应智能节能型三机一体除湿干燥机采用的蜂巢转轮在理想的状态下露点可达到-40℃以下，可提供稳定的低露点干燥空气，其干燥系统节能可达到25%-60%。

The Adaptive Intelligent Energy-Saving All-in-One Compact Dryer adopts a honeycomb rotor. Under ideal conditions, the dew point can reach below -40℃, and it can provide stable low-dew-point dry air. The drying The energy saving of its drying system can reach 25%-60%.

除湿干燥送料组合
“ALL-IN-ONE” COMPACT DRYER

XC-D系列除湿干燥送料组合集除湿、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，XC-D型采用的蜂巢转轮在理想的状态下露点可达到-40℃以下，可提供稳定的低露点干燥空气，不会像双桶分子筛除湿机因分子筛老化而污染原料，该系列产品采用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LCD触控式人机界面，提供露点计选配。

The XC-D series “All-in-One” compact dryer 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. It can provide stable low dew point dry air, and will not pollute the raw materials due to the aging of molecular sieve like a double-barrel molecular sieve dehumidifier. The whole series are composed of a honeycomb rotor dehumidifier and a downward-blowing full stainless steel Euro hopper dryer and adopted LCD touch controller with dew point indicator for option.

特点：

- ◎XC-D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；
- ◎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；
- ◎所有机型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；
- ◎部分大型号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LCD触控屏人机界面操作，工作状态实时显示，控温精度可达±0.1℃；
- ◎配备一周24小时定时功能，实现整机预约自动运行；
- ◎可选配露点计，随时监控露点；
- ◎配备通讯功能，可实现自动化远程管理。

FEATURE:

- ◎XC-D series are equipped with honeycomb rotor to obtain stable low dew point dry air. By structures models are divided into semi-integral and full-integral as two types;
- ◎Integrating three functions of dehumidification, drying, and two-stage feeding, with available option for three-stage feeding. The heat-insulated hopper dryer adopts downward blowing design and cyclone exhaust device to prevent heat loss, to ensure humidity and improve drying efficiency;
- ◎All models are equipped with a closed loop feeding system, which can prevent the dried raw materials from being damp again due to contact with outside air;
- ◎Some large models adopted double cooler structure to ensure lower 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;
- ◎LCD touch screen controller, lively displaying machine running condition, control accuracy can reach ±0.1℃;
- ◎Digital timing for 24 hours a week to realize automatic operation;
- ◎Optional dew point meter, convenient for live monitoring of dew point;
- ◎Default with communication function for remote automation management.

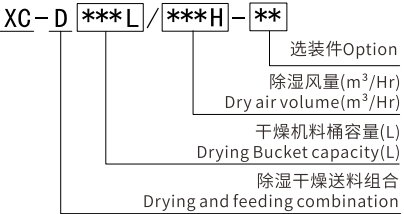
技术参数（全密闭式） SPECIFICATIONS(FULL-INTEGRAL DESIGN)

机型 Model(XC-)	D40L/30H	D80L/50H	D120L/80H	D160L/120H	D230L/150H	D300L/200H	D450L/300H
干燥系统 Drying System							
干燥电热功率(KW)Process Heater Power	3	4	6	6	7.2	12	15
干燥风机功率(KW)Process Blower power	0.4	0.4	0.75	0.75	1.5	2.2	3.8
保温料桶容量(L)Drying Hopper Capacity	40	80	120	160	230	300	450
除湿系统 Dehumidying System							
再生电热功率(KW)Regenerative Heater Power	3	3	3.5	3.5	4	5.4	7.2
再生风机功率(KW)Regenerative Blower power	0.4	0.4	0.4	0.4	0.4	0.4	0.75
除湿风量(m³/hr)Dehumidifying Air Capacity	30	50	80	120	150	200	300
出风管口径Air Outlet Pipe Diameter	2"			2.5"		3"	
送料系统 Conveying System							
送料风机功率(HP)Conveying Blower Power	2HP						
吸料机配管长度(M) Diam.Convey Pipe	φ 38*4M 4pcs(高温管) High temperature pipe						
真空料斗(L) Vacuum Hopper	7.5L (38/38)					12L (38/38)	
电眼料斗(L) Sensor Hopper	7.5L (38/38)					12L (38/38)	
外形尺寸 Dimensions	一体式all in one type						
H(mm)	1700	1720	1820	1910	1940	2250	2350
W(mm)	750	750	750	900	900	1030	1030
L(mm)	1100	1100	1100	1320	1320	1450	1450
净重(KG) Net weight	200	300	320	505	540	555	600

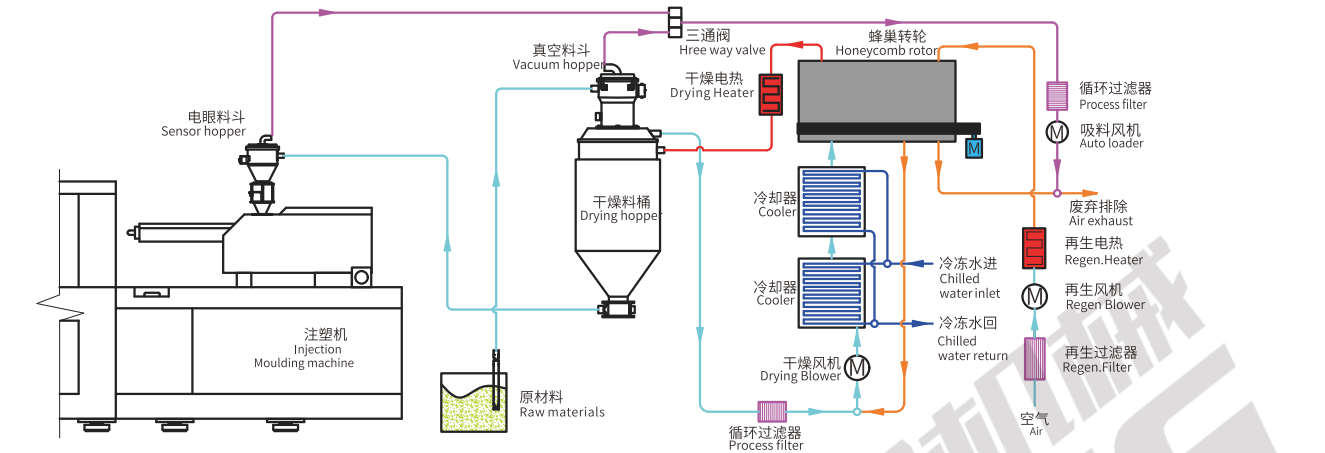
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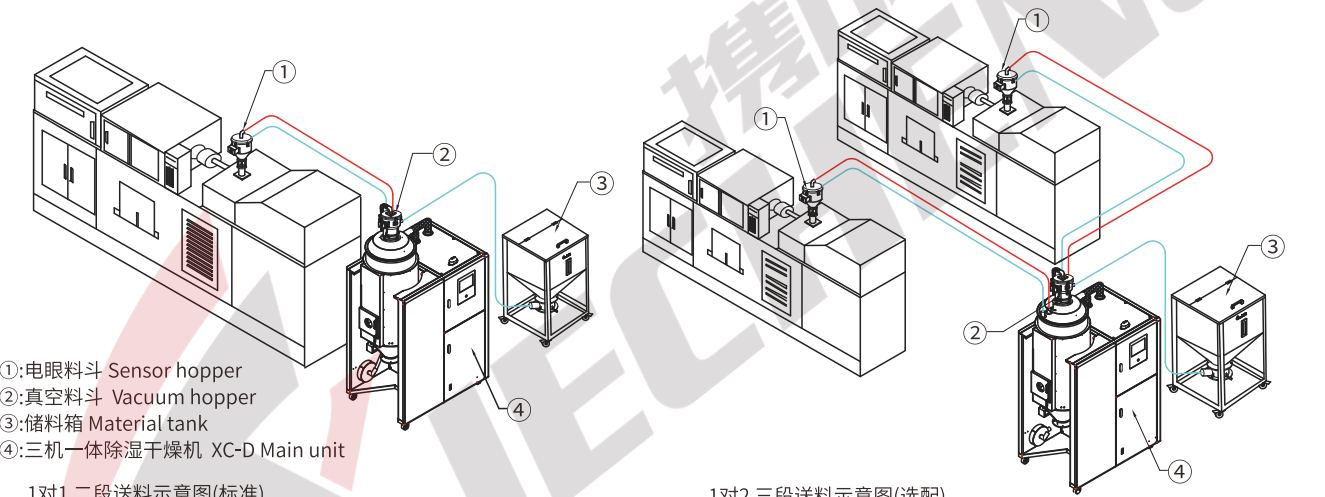
XC-D160L/120H



工作原理 WORKING PRINCIPLE



安装示意图 INSTALLATION DIAGRAM



1对1 二段送料示意图(标准)
For Serving One Machine:Two-stage Conveying System(Standard)

1对2 三段送料示意图(选配)
For Serving Two Machine:Three-stage Conveying System(Optional)

技术参数（半开放式） SPECIFICATIONS(SEMI-INTEGRAL DESIGN)

机型 Model(XC-)	D600L/400H	D750L/500H	D900L/700H	D1200L/700H	D1500L/1000H	D2300L/1500H	D3000L/2000H	D4500L/3000H	D6000L/4000H
干燥系统 Drying System									
干燥电热功率(KW) Process heater	18	18	24	24	36	36	48	72	96
干燥风机功率 (KW) Process Blower	3.8	5.5	5.5	7.5	5.5	7.5	5.5x2	7.5x2	11x2
保温料桶容量(L)Drying Hopper Capacity	600	750	900	1200	1500	2300	3000	4500	6000
除湿系统 Dehumidying System									
再生电热功率(KW)Regenerative Heater Power	7.2	10	10	10	15	18	15x2	18x2	24x2
再生风机功率(KW)Regenerative Blower power	0.75	1.5	1.5	3	3	4	3x2	4x2	5.5X2
除湿风量 (m³/hr)Dehumidifying Air Capacity	400	500	700	700	1000	1500	2000	3000	4000
出风管口径Air Outlet Pipe Diameter	4"				5"	6"		8"	
送料系统 Conveying System									
送料风机功率 (HP) Conveying Blower Power	2HP		5HP	7.5HP		10HP		15HP	
吸料机配管长度(M) Diam.Convey Pipe	φ 38*4M 4pcs(高温管) High temperature pipe		φ 51*4M 4pcs(高温管) High temperature pipe		φ 63*4M 4pcs(高温管) High temperature pipe				
真空料斗(L) Vacuum Hopper	12L (38/38)		24L(51/51 或or 38)		24L (63/63或or 51)		40L (63/63或 or 51)		
电眼料斗(L) Sensor Hopper	12L (大杯 big type) (38/38)		24L(欧式Euro type) (51/51或38)		24L(欧式Euro type) (63/63或 or 51)		24L/40L (欧式Euro type) (63/63或or 51)		
外形尺寸 Dimensions	分体式 (干燥机与除湿机间距150mm) Separate Type (The distance between dryer and dehumidifier is 150mm)								
H(mm)	2350	2350	2530	2900	3350	3650	4530	5320	5400
W(mm)	1150	1600	1600	1600	1400	1400	1950	2350	2500
L(mm)	2150	2200	2400	2250	2600	2800	3800	4350	4550
净重 (KG) Net weight	640	710	850	900	1160	1350	1950	2500	2950

- 注: 1) “*”表示风机出风口接旁通阀；
2) 机器电压规格为:3Φ,380V, 50Hz。
3) D1500L/1000H及以上机型标配旋风集尘器，延长使用寿命。
- NOTE:1) “*”stand for by-pass at blower air outlet.
2) Power supply:3Φ,400V, 50Hz
D1500L / 1000H and above models are equipped with cyclone dust collector as standard to prolong the service life.

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欧化热风干燥送料组合
EURO DRYING LOADER

欧化热风干燥送料组合将塑胶干燥及输送功能结为一体，二段送料功能实现了物料从储料箱对干燥桶及干燥桶到成型机的全自动输送，节省人力，避免污染。特别适用于厂房高度受到限制和大型射出成型机及立式射出成型机。

Euro drying loader integrates plastic drying and conveying functions. The two-stage feeding function realizes the fully automatic conveying of materials from the storage box to the drying barrel and the drying barrel to the molding machine, saving manpower and avoiding pollution. It is especially suitable for plants with limited height and large injection molding machines and vertical injection molding machines.

特点：

- ◎XC-EDL-U系列集自动送料干燥的二机一体；XC-EDL-U-HD系列集除湿干燥与送料的三机一体设计，采用无热式再生干燥；
- ◎配备LCD触控屏人机界面操作，工作状态实时显示，控温精度可达±0.1℃；
- ◎欧化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；
- ◎所有机型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；
- ◎送料系统配备截料阀，确保料管中无残余原料；
- ◎原料接触部分均采用不锈钢制造，确保原料不被污染；
- ◎XC-EDL-U-HD无热式再生装置，可提供露点较低的干燥风，加快对原料的处理速度；
- ◎配备一周24小时定时功能，实现整机预约自动运行；
- ◎配备通讯功能，可实现自动化远程管理。

FEATURE:

- ◎The XC-EDL-U series integrates two machines for automatic feeding and drying; the XC-EDL-U-HD series integrates dehumidification, drying and feeding, and adopts heatless regeneration drying;
- ◎It is equipped with an LCD touch screen human-machine interface operation, real-time display of working status, and temperature control accuracy of up to ±0.1℃;
- ◎The Euro-insulated drying barrel adopts a down-blowing air duct design and a cyclone exhaust device to prevent heat loss, ensure temperature, and improve drying efficiency;
- ◎All models are equipped with a closed-loop feeding system to prevent the dried raw materials from being damp again due to contact with the outside air;
- ◎The feeding system is equipped with a cut-off valve to ensure that there is no residual raw material in the material pipe;
- ◎The raw material contact parts are made of stainless steel to ensure that the raw materials are not contaminated;
- ◎The XC-EDL-U-HD heatless regeneration device can provide dry air with a low dew point to speed up the processing of raw materials;
- ◎It is equipped with a 24-hour timing function to realize automatic operation of the whole machine;
- ◎Equipped with communication function, it can realize automatic remote management.

XC-EDL-***U-HD

无热再生干燥机
Non-heat regeneration dryer

干燥机料桶容量(L)
Drying Bucket capacity(L)

欧化干燥送料组合
Euro-drying
and feeding combinat ion

携成 XIECHENG



XC-EDL160U

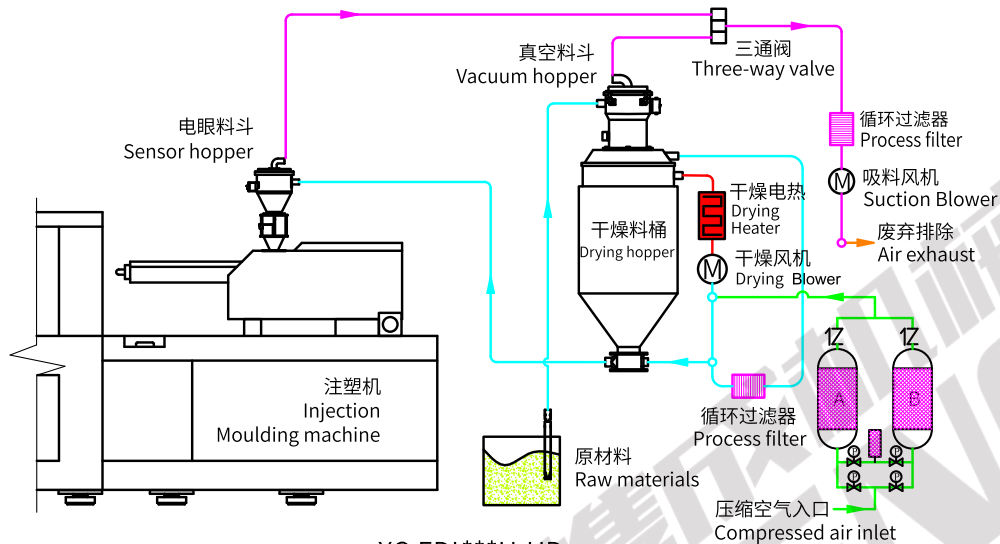


真空料斗
Vacuum Hopper

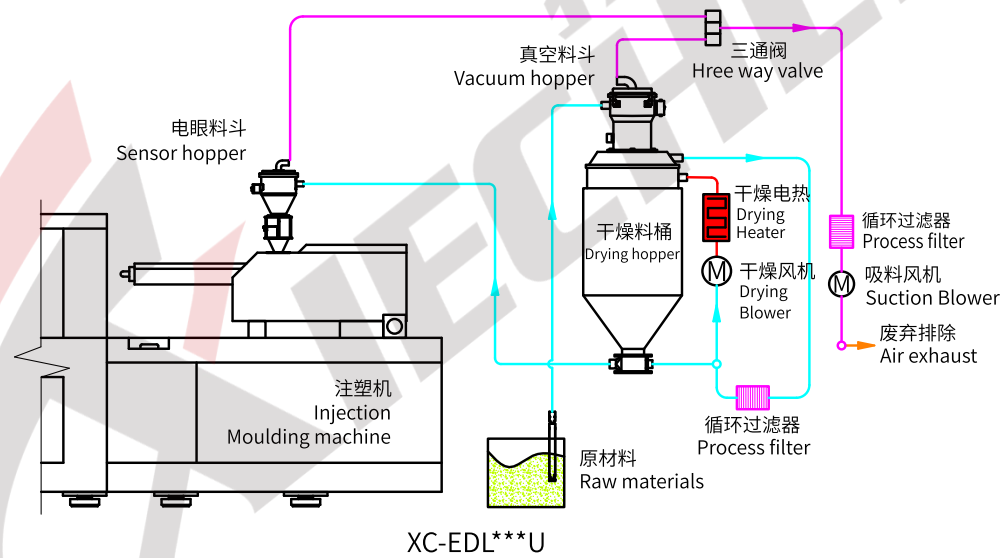


电眼料斗
Sensor Hopper

工作原理 WORKING PRINCIPLE



XC-EDL***U-HD



XC-EDL***U

技术参数 SPECIFICATIONS

型号 Model	XC-EDL80U	XC-EDL120U	XC-EDL160U	XC-EDL230U	XC-EDL300U	XC-EDL450U	XC-EDL600U	XC-EDL750U	XC-EDL900U
干燥电热(KW) Heater Power	4	4.5	6	9	12	15	18	18	24
风机(KW) Blower	0.135	0.21	0.215	0.32	0.32	0.32	0.5	1.5	1.5
料桶容量(L) Hopper Capacity	80	120	160	230	300	450	600	750	900
压缩空气流量(m³/min) Compressed Air Flow	0.25	0.32	0.4	0.5	0.6	0.7	0.8	0.9	1.1
进/出风管口径 Inlet/Outlet Air Pipe Diameter	2"	2.5"			3"		4"		
送料风机功率(HP) Conveying Blower Power	2								5
吸料盒管径(mm) Suction Box Pipe Diameter	Φ38								Φ51
真空料斗(L) Vacuum Hopper	7.5L (38/38)				12L (38/38)			12L (51/51)	
电眼料斗(L) Sensor Hopper	7.5L (38/38)				12L (38/38)			12L(大杯)(38/38)	12L(大杯)(51/51)
净重(kg) Approx.Net Weight	135	203	223	242	318	368	463	518	578
外形尺寸(mm) Dimensions H×W×D	1720×750×1100	1820×750×1100	1910×900×1320	1940×900×1320	2250×1030×1450	2350×1030×1450	2350×1150×2150	2350×1600×2200	2530×1600×2400

注：压缩空气：4~6kg/f cm²。选配再生干燥时，型号后面加“HD”。Note:Compressed Air 4-6kg/f cm², When optional regenerative drying is selected, add 'HD' after the model 产品规格若有改变，恕不另行通知。We reserve the right to change specifications without prior notice.

除湿干燥组合

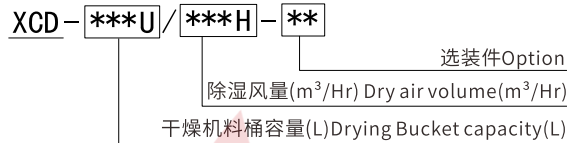
2 IN 1 HONEYCOMB DEHUMIDIFIER

XCD系列由除湿、干燥两种功能为一体，广泛适用于各种塑胶原料，尤其是吸湿性较强的工程塑料，如：PA、PC、PBT、PET等，采用的蜂巢转轮在理想的状态下露点可达到-40℃以下，可提供稳定的低露点干燥空气。该系列产品采用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。

The XCD series dehumidifying dryer combine a dehumidifying and drying system in a single unit. They are suitable for all kinds of plastics, especially for drying hygroscopic engineering plastics, such as PA, PC, PBT, PET, etc. The honeycomb rotor in the ideal condition can provide stable dry air at -40°C or even lower dew point. This series is composed of a honeycomb rotor dehumidifier and a downward-blowing all-stainless steel Euro hopper dryer.

特点：

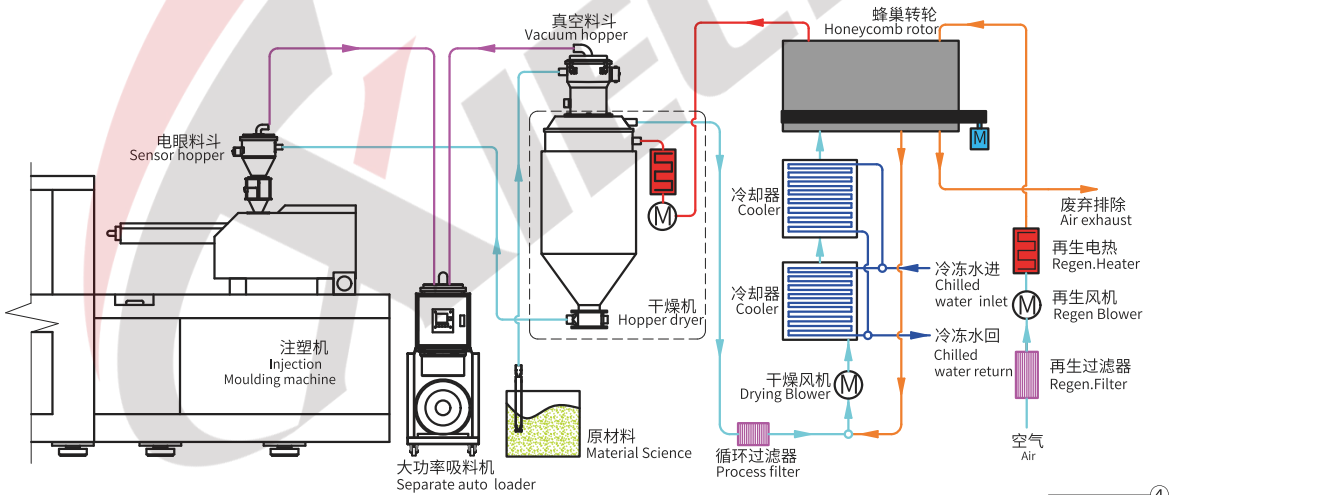
- ◎欧化除湿干燥组合配备蜂巢转轮除湿机，造型为半开放式，整体造型美观新颖；集除湿、干燥二种功能于一体，并可选择一对多个干燥桶的系统；
- ◎保温式干燥料桶采用特有下吹风管设计搭配旋风排气装置能提高干燥效率，并能防止热能散失，确保温度；
- ◎部分大型号除湿系统采用双冷却器结构，确保更低回风温度及露点；
- ◎配备一周24小时定时功能，实现整机预约自动运行；
- ◎液晶显示微电脑控制器，控温精度可达±0.1℃；
- ◎可选配露点计，方便实时监控露点；
- ◎可选配通讯功能，实现自动化远程管理。



FEATURE:

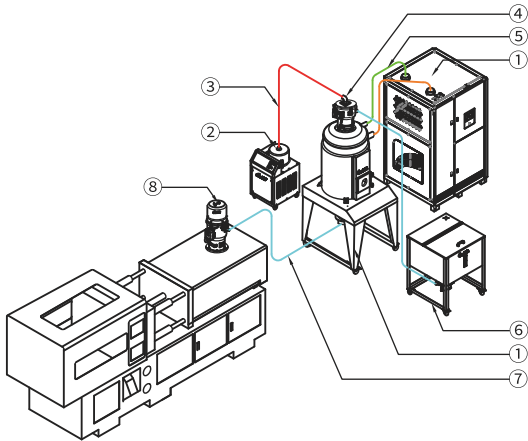
- ◎Euro type dehumidifying dryer combination is equipped with a honeycomb dehumidifier, with semi-integral structure as clean and tidy exterior, combined dehumidifying and drying functions together, and optional for multiple drying hoppers;
- ◎Insulated drying hopper adopts downward-blowing with cyclone exhaust device, improving the drying efficiency, preventing heat loss and ensuring dryness;
- ◎Adopted double cooler structure to ensure lower return air temperature and low dew point for the large models;
- ◎Digital timing for 24 hours a week to realize automatic operation;
- ◎LCD display microcomputer controller, centralized operation and temperature control accuracy can reach ±0.1°C;
- ◎Optional dew point meter, convenient for live monitoring of dew point;
- ◎Optional for communication function for remote automation management.

工作原理 WORKING PRINCIPLE



除湿干燥组合连接应用 Application

- ① 除湿干燥组合 Compact dehumidifying dryer
- ② 分体式吸料机 Standard separate-vacuum hopper loader
- ③ 吸风管 Air suction pipe
- ④ 真空料斗 Vacuum hopper
- ⑤ 回风 Return air
- ⑥ 储料箱 Material tank
- ⑦ 吸料管 Material suction pipe
- ⑧ 欧化吸料机 Euro-auto loader



XC-D1500L/1000H

原材料干燥时间对照表 COMPARISON TABLE OF RAW MATERIAL DRYING TIME

原料 Raw Material	干燥温度 Drying Temp.(°C)	干燥时间 Drying Time(hr)	比热 Specific Heat (J/kg·°C)	堆积密度 Bulk Density	除湿前含水量 Moisture Content Before Drying	除湿后含水量 Moisture Content After Drying	干燥能力 Drying Capacity (kg/hr)													
							XCD-30H	XCD-50H	XCD-80H	XCD-120H	XCD-150H	XCD-200H	XCD-300H	XCD-400H	XCD-500H	XCD-700H	XCD-1000H	XCD-1500H	XCD-2000H	
ABS	80	2-3	0.34	0.6	0.3	0.02	11	18	27	35	71	105	180	210	285	355	425	710	1065	
CA	75	2-3	0.5	0.5	1	0.02	9	15	22	30	60	90	150	180	235	295	355	590	855	
CBA	75	2-3	0.5	0.5	0.8	0.2	9	15	22	30	60	90	150	180	235	295	355	590	885	
CP	75	2-3	0.6	0.6	1	0.02	11	18	27	35	71	106	180	210	235	355	425	710	1060	
LCP	150	4	0.6	0.6	0.04	0.02	8	13	20	27	55	80	135	160	210	265	320	530	800	
POM	100	2	0.35	0.6	0.2	0.02	16	27	40	53	105	160	265	320	425	530	640	1060	1600	
PMMA	80	3	0.35	0.65	0.5	0.02	11	19	29	38	77	115	192	230	307	383	460	767	1150	
IONOMER	90	3-4	0.55	0.5	0.1	0.04	7	11	17	22	44	66	111	133	177	220	265	442	663	
PA6/6.6/6.10	75	4-6	0.4	0.65	1	0.05	6	10	14	19	38	58	96	115	153	192	230	383	575	
	PA11	75	4-5	0.58	0.65	1	0.05	7	12	17	23	46	69	115	138	184	230	275	460	690
	PA12	75	4-5	0.28	0.65	1	0.05	7	12	17	23	46	69	115	138	184	230	275	460	690
PC	120	2-3	0.28	0.7	0.3	0.01	13	21	31	41	83	124	206	250	330	413	495	826	1238	
PU	90	2-3	0.45	0.65	0.3	0.02	11	19	29	38	77	115	190	230	307	383	460	767	1150	
PBT	130	3-4	0.3-0.5	0.7	0.2	0.02	9	15	23	31	62	93	155	186	248	310	372	620	930	
PE	90	1	0.55	0.6	0.01	<0.01	32	53	80	106	212	318	531	637	850	1062	1275	2125	3185	
PEI	150	3-4	0.3-0.5	0.6	0.25	0.02	8	13	20	27	53	80	133	160	212	265	320	530	800	
PET	160	4-6	0.55	0.85	0.2	0.05	8	13	19	25	50	75	125	150	200	250	300	500	750	
PETG	70	3-4	0.6	0.6	0.5	0.02	8	13	20	27	53	80	133	160	212	265	320	530	800	
PEN	170	5	0.85	0.85	0.1	0.05	9	15	23	30	60	90	150	180	240	300	360	600	900	
PES	150	4	0.7	0.7	0.8	0.02	9	15	23	30	60	90	150	180	240	300	360	600	900	
PMMA	80	3	0.65	0.65	0.5	0.02	11	19	29	38	77	115	190	230	310	385	460	765	1150	
PPO	110	1-2	0.4	0.5	0.1	0.04	13	22	33	44	88	133	220	265	355	440	530	885	1330	
PPS	150	3-4	0.6	0.6	0.1	0.02	8	13	20	27	53	80	133	160	212	265	320	530	800	
PI	120	2	0.27	0.6	0.4	0.02	16	27	40	53	105	160	265	320	425	530	640	1060	1600	
PP	90	1	0.46	0.5	0.1	0.02	26	44	66	88	180	265	442	530	710	885	1060	1770	2655	
PS(GP)	80	1	0.28	0.5	0.1	0.02	26	44	66	88	180	265	442	531	708	885	1062	1770	2655	
PSU	120	3-4	0.31	0.65	0.3	0.02	8	14	22	29	60	85	145	173	230	290	345	575	865	
PVC	70	1-2	0.2	0.5	0.1	0.02	13	22	33	44	90	135	220	265	355	442	530	885	1330	
PAN(AS)	80	1-2	0.32	0.5	0.1	0.05	13	22	33	44	90	135	220	265	355	442	530	885	1330	
TPE	110	3	0.7	0.7	0.1	0.02	13	20	30	40	85	125	205	250	330	413	495	826	1238	

注:1) 使用独立的干燥料斗; 2) 在20℃的大气温度及65%的相对湿度下, 干燥后其水份含量低于0.005%

NOTE:1) Use sparated drying hopper. 2) Moisture content lower than 0.005% after drying when in 20 atosphere and 65% relative humidity.

产品规格若有改变, 恕不另行通知。We reserve the right to change specifications without prior notice.

蜂巢转轮式除湿机
HONEYCOMB DEHUMIDIFIER

蜂巢转轮除湿机主要是用来对吸湿性较强的工程塑料进行高效率的除湿作业。
本公司所采用的蜂巢转轮在理想的状态下露点可达到-40℃以下,可提供稳定的低露点干燥空气,不会像双桶分子筛除湿机因分子筛老化而污染原料。该系列产品提供多种风量型号选择,最大干燥风量可达4000mm³/hr。
The honeycomb dehumidifying series are mainly used in drying engineering plastics especially those easy to absorb moisture.
The honeycomb rotor our company adopts in the ideal condition can provide stable -40℃ or even lower dew point dry air, and will not contaminate the raw materials due to the aging of molecular sieve as dehumidifiers with double-barrel molecular sieves. The series provides ranges of models with different air volumes for selection, and the maximum output can reach 4000m³/hr.

特点:

- ◎液晶显示微电脑控制器,控温精度可达±0.1℃;
- ◎部分大型号系统采用双冷却器结构,确保更低回风温度及露点;
- ◎可同时搭配多个干燥料桶对原料进行除湿干燥作业;
- ◎内部装有回风过滤器,确保蜂巢转轮不受原料粉尘污染;
- ◎可选配露点计,方便实时监控露点;
- ◎可选配通讯功能,实现自动化远程管理。

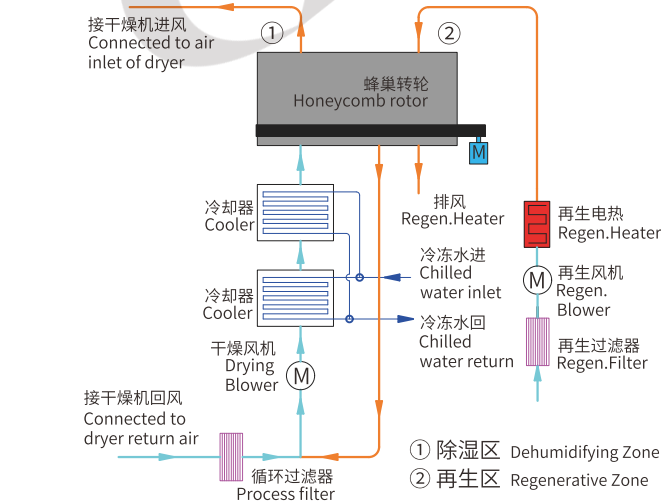
FEATURE:

- ◎LCD display microcomputer controller, temperature control accuracy can reach ±0.1℃;
- ◎In large models double coolers are adopted to ensure the return air temperature be with low temperature and low dew point;
- ◎Applicable to multiple drying barrels for dehumidifying and drying raw materials;
- ◎With internal return air filter to avoid dust from materials contaminating the honeycomb;
- ◎Optional for dew point meter for real time monitoring dew point condition;
- ◎Optional for communication function for remote automation management.

湿度及含水率对照表 Humidity and Moisture Content

露点(℃) Dew-point	相对湿度(%) Relative Humidity	含水率Moisture Content	
		PPM	%
20	100.00	23,072	2.307
+10	52.50	12,117	1.212
0	26.10	6,027	0.603
-10	11.20	2,574	0.257
-20	4.40	1,025	0.103
-30	1.60	378	0.038
-40	0.60	128	0.013
-50	0.20	39	0.004

系统流程示意图 WORKING PRINCIPLE



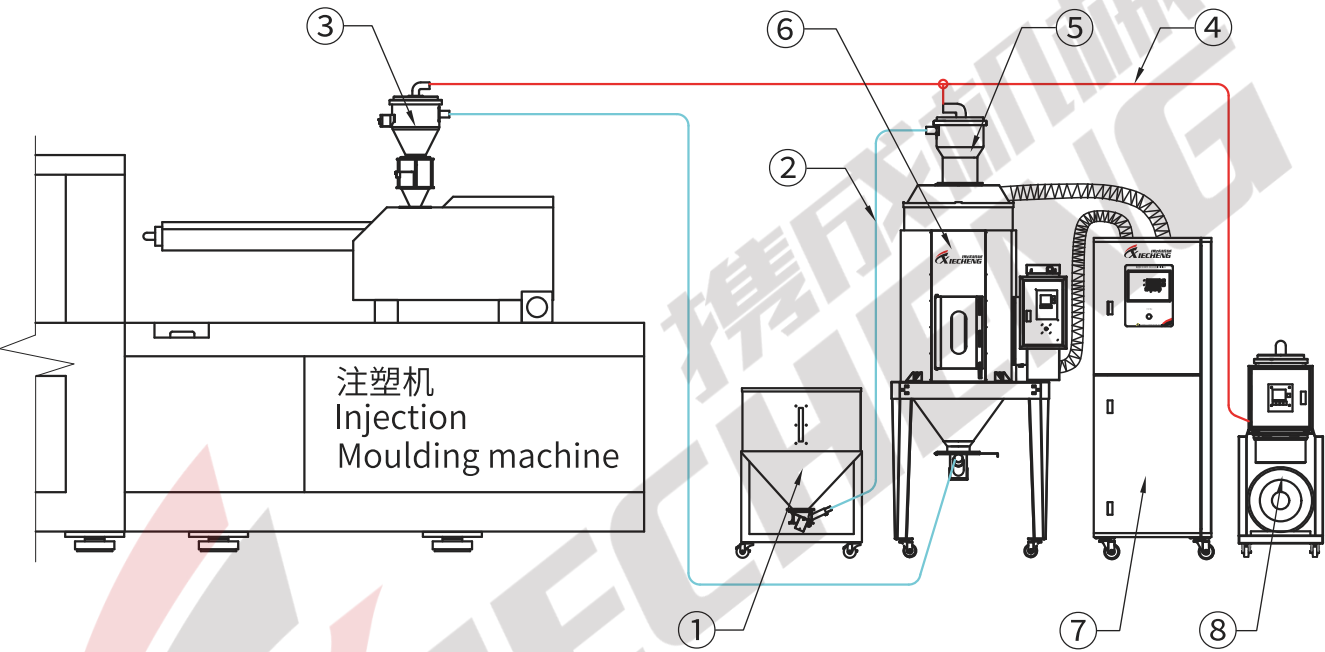
High-quality gear motor
(优质减速电机)



Honeycomb
(蜂巢)

安装示意图 INSTALLATION DIAGRAM

- ①:储料箱 Material Tank
- ②:料管 Material Pipe
- ③:电眼料斗 Sensor Hopper
- ④:吸风管 Vacuum Pipe
- ⑤:真空料斗 Vacuum Hopper
- ⑥:干燥机 Hopper dryer
- ⑦:除湿机 Honeycomb dehumidifier
- ⑧:大功率吸料机 Separate auto loader



技术参数 SPECIFICATIONS

型号 Model	XC-D50H	XC-D80H	XC-D120H	XC-D150H	XC-D200H	XC-D300H	XC-D400H	XC-D500H	XC-D700H	XC-D1000H	XC-D1500H	XC-D2000H	XC-D3000H	XC-D4000H	
干燥风量(m³/hr) Process Air Flow	50	80	120	150	200	300	400	500	700	1000	1500	2000	3000	4000	
干燥风机功率(Kw) Process Blower	0.4	0.75	0.75	1.5	2.2	3.75	3.75	5.5	7.5	5.5	7.5	5.5x2	7.5x2	11x2	
再生风机功率(Kw) Regen.heater	0.4	0.4	0.4	0.4	0.4	0.75	0.75	1.5	1.5	3	4	3x2	4x2	5.5x2	
再生电热功率(Kw) Regen.Blower	3	3.5	3.5	4	5.4	7.2	7.2	10	10	15	10x2	15x2	30	30x2	
出入口之管径(Inch) Pipe Dia.	2"	2.5"	2.5"	2.5"	3"	3"	4"	4"	4"	5"	6"	6"	8"	8"	
电压规格 Voltage	3Φ,400V,50Hz														
外形尺寸 Demensions															
H(mm)	1640		1710		1990			1960		2330		2270			
W(mm)	600		650		700			940		1300		2200			
D(mm)	800		900		1200			1600		1400		1950			
重量(KG) Weight	125		140	215	225	240	280	290	300	400	510	620	760	760	
冷却水管口径 Diameter of cooling water pipe	3/4"					2x3/4"					2"x2		2"x4		
冷却水流量 Cooling Water Flow	100L/min					150L/min					200L/min		250L/min		

注:*干燥电热为选配,需搭配干燥料桶使用。

Note:*Process heater is optional to be used with a drying hopper.

蜂巢转轮式模具除露机

MOLD DEHUMIDIFIER

XC-MD系列模具除湿机主要应用在塑胶成型中, 由于模具使用冷冻水来缩短成型周期而产生的结露问题, 特别是适用于PET瓶胚射出。结露现象是模具表面温度低于周围环境空气的露点温度时就会产生水汽, 进而影响到产品品质及生产效率, 同时会腐蚀模具表面, 进而造成环境污染。本机采用蜂巢转轮系统进行除湿作业, 持续提供低露点干燥空气至成型机, 不让模具产生结露现象, 大幅降低不良率。

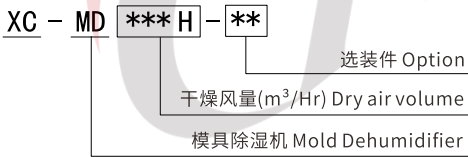
XC-MD series mold dehumidifier are mainly applied in plastic molding, especially PET preform molding, to remove the moisture condensing issue on mold surface due to the use of chilled water for reducing molding cycle period. The issue occurs due to the temperature of mold surface is lower than the ambient and it would affect production quality and efficiency while harming the mold surfaces and even the environment. The series of mold dehumidifiers realize dehumidifying effect with honeycomb rotor and continuously provide low dew point dry air to the forming machines, hence the issue is prevented and the defect rate significantly reduced.

特点:

- ◎采用液晶显示微电脑控制器, 具有再生温度设定与实际温度显示;
- ◎采用蜂巢式设计, 确保一年四季长期除湿风干燥度稳定的输出;
- ◎具有马达超载及逆相报警功能;
- ◎具有回风冷却及过滤功能;
- ◎干燥出口标配冷却器, 可以调节出风温度;
- ◎具有自动排水功能, 可及时将凝结水排出;
- ◎可选配可拆式回风收集器, 可实现密闭循环的应用, 特别适合湿度较高的地区使用;
- ◎可选配露点计, 方便实时监控露点;
- ◎可选配通讯功能, 实现自动化远程管理。

FEATURE:

- ◎LCD microcomputer controller monitoring regenerative and present temperatures;
- ◎Honeycomb rotor to provide constant full year dehumidified dry air;
- ◎Alarm function on motor overload and phase reverse;
- ◎Return air cooling and filtering are included;
- ◎Default with cooler at dry air outlet and available to adjust temperature;
- ◎Automatic function on draining condensation water in time;
- ◎Optional for detachable return air collector to realize closed-loop air circulation, especially for regions with high humidity;
- ◎Optional for dew point monitor for easy observation;
- ◎Optional for communication function for remote automation management.



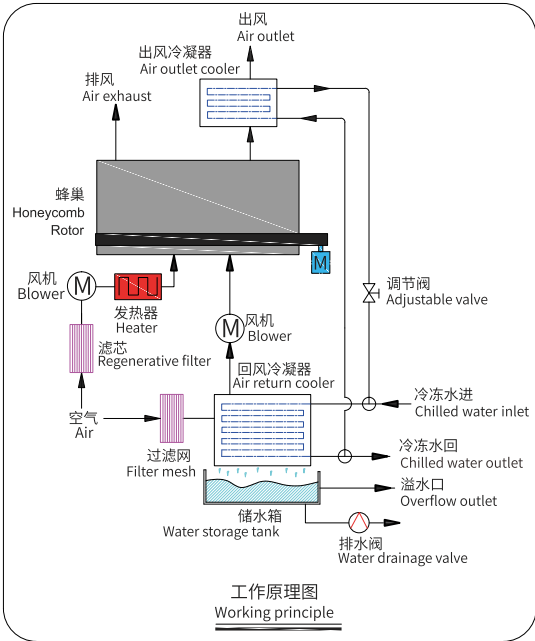
工作原理 WORKING PRINCIPLE

由于干燥风机产生大风量的风, 经过转轮蜂巢的吸湿后形成低露点的干燥风直接吹到成型机的模具上。由模具除湿机产生的低露点的空气使得模具周围环境空气非常干燥, 一般露点≤5℃。在快速冷却模具时周围环境的温度快速下降, 一般不会下降到5℃, 这样就可以使模具在快速冷却时周围不会产生露珠。

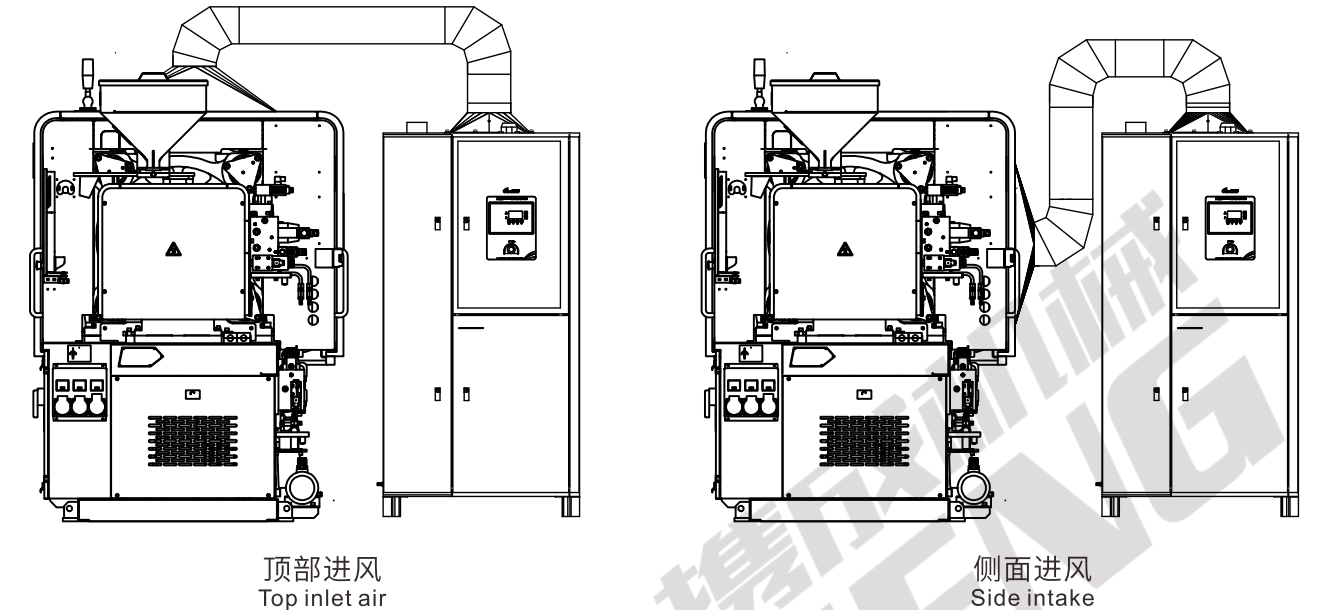
Through the honeycomb rotor moisture absorption, the air flow from drying blower reaches low dew point and directly goes to the mold of forming machine. The mold dehumidifier generated low dew point air makes the surrounding of mold very dry, usually dew point at 5 Celsius or lower. During rapid mold cooling, the surrounding air would quickly get cool but usually would not down to 5 Celsius, hence to keep cooling the mold without dewdrops occurring.



XC-MD1000H



应用示意图 APPLICATION DIAGRAM



技术参数 SPECIFICATIONS

型号Model	XC-MD1000H	XC-MD2000H	XC-MD3000H
再生电热 (Kw) Regenerative Heater(Kw)	12	24	36
再生风机 (Kw) Regenerative Blower(Kw)	0.37	0.55	0.75
干燥风机 (Kw) Drying Blower(Kw)	1.5	2.2	3.7
干燥风量(M³/Hr) Dry Air Flow(M³/Hr)	1000	2000	3000
干燥风配管尺寸(Inch) Dry Air Tube(Inch)	8	10	10
再生风配管尺寸(Inch) Regen. Air Tube(Inch)	4	6	6
冷却器出口尺寸 Cooler Outlet	DN40(1.5"内牙)	DN40(1.5"内牙)	DN50(2"内牙)
干燥风温度(°C) Dry Air Temp.(°C)	≤16	≤16	≤16
露点温度(°C) Dew Point(°C)	-10-+5	-10-+5	-10-+5
冷却水量(L/Min) Cooling Water Flow(Lpm)	≥100	≥150	≥190
水压(Kgf/cm²) Water Pressure(Kgf/cm²)	2-3		
外形尺寸(mm)WxLxH Dimension(mm)WxLxH	1000×1130×1950	1500×1530×2485	
净重 (Kg) Approx. N.G.(Kg)	321	580	700

- 注: 1) 噪音≤90dB(A) Remarks: 1) Noise ≤90dB(A);
- 2) 开放式使用条件, 环境干燥温度≤35℃, 相对湿度≤70%; 2) Open use conditions: ambient drying temperature ≤ 35℃, relative humidity ≤ 70%;
- 3) 冷冻水需求温度: 7℃; 3) Cooling water temperature required: 7℃;
- 4) 机器电压规格: 3Ø, 380VAC, 50HZ。 4) Machine power standard: 3Ø, 380VAC, 50Hz.

产品规格若有改变, 恕不另行通知。We reserve the right to change specifications without prior notice.

欧化干燥机

EURO-HOPPER DRYER

XCD系列下吹式欧化料斗干燥机，料斗采用不锈钢制造，配备有“热气下吹”和“旋风排气”功能以及双层保温桶，特别适合搭配除湿机用来干燥工程塑料，该系列能提供多种装料容量供选择。

The XCD series are equipped with stainless steel door, hot air downward-blowing, cyclone exhaust and double layer insulated hopper, which are ideally suitable for drying engineering plastics with a dehumidifier and provides a variety of capacities for selection.

欧化干燥机特点:

- ◎行业领先的液晶显示微电脑控制器，控温精度可达±0.1℃；
- ◎特有下吹风管设计，能均匀分散热风，保持塑料干燥，温度稳定，提高干燥效率；
- ◎有超温脱扣保护装置，可减少人为或机械故障所产生之意外；
- ◎双层保温设计，夹层采用优质加厚保温材料，可确保温度均匀热损失更少，更节能环保；
- ◎原料接触部位均采用不锈钢制造，确保原料不受污染；
- ◎配备一周24小时定时功能，实现整机预约自动运行；
- ◎有欧化吸料盒、欧化型脚架、磁力架、磁力底座（铝型或不锈钢型）、风机入口过滤器、热风回收器、排风空气滤清器可供选配；
- ◎XCD-3000U以上配备护栏；
- ◎XCD-600U以下选配脚架；
- ◎XCD-600U以上配备立柱脚梯；
- ◎可选配通讯功能，实现自动化远程管理；
- ◎所有机型均可选配自适应智能节能型欧化干燥机。

EURO-HOPPER DRYER FEATURE:

- ◎Industry-leading LCD display microcomputer controller, temperature control accuracy can reach ±0.1℃;
- ◎Hot air down-blowing design ensures even distribution of hot air to maintain a steady temperature in the hopper and increase drying efficiency;
- ◎With over-temperature trip protection device, it can reduce accidents caused by man-made or mechanical failures;
- ◎Double-layer thermal insulation design, the inter layer adopts high-quality thick thermal insulation materials, which can ensure even temperature and less heat loss, more energy-saving and environmentally friendly;
- ◎The contact parts of the raw materials are all made of stainless steel to ensure that the raw materials are not polluted;
- ◎Digital timing for 24 hours a week to realize automatic operation;
- ◎Optional accessories: Euro suction box, Euro support frame, magnetic stand, magnetic base (aluminum or stainless steel type), blower inlet filter, hot air recycling, exhaust air filter;
- ◎Default with fences for model XCD-3000U and above;
- ◎Optional for stands for model XCD-600U and below;
- ◎Default with column ladders for XCD-600U and above;
- ◎Optional for communication function for remote automation management.
- ◎All models are optional for Self-Adaptive Intelligent Energy Saving configuration.

技术参数 SPECIFICATIONS

型号 Model	XCD-80U	XCD-120U	XCD-160U	XCD-230U	XCD-300U	XCD-450U	XCD-600U	XCD-750U	XCD-900U
干燥电热 Heater Power(Kw)	4	4.5	6	9	12	15	18	18	24
风机 Blower (kW)	0.135	0.21	0.215	0.32	0.32	0.32	0.5	1.5	1.5
料桶容量 Hopper Capacity(L)	80	120	160	230	300	450	600	750	900
外形尺寸(mm) Dimensions H×W×D	933×730×500	1175×730×505	1195×810×610	2010×720×1060	1980×790×1035	2335×790×1059	2425×1100×1330	2575×1110×1326	2600×1350×1453
脚架尺寸(mm) Floor Stand H1×W1×D1	864×732×550	865×735×550	865×800×670	865×800×670	1015×950×790	1015×950×790	.....	.....	.....
整体高度(mm) Whole Heght H2	1510	1750	1725	2010	2080	2430	2425	2575	2600
吸料盒管径(mm) Suction Box Pipe Diameter	Φ38(选配Optional)				Φ51(选配Optional)				
出风管口径 Air Outlet Pipe Diameter	2"	2.5"				3"	4"		
净重(kg) Approx.Net Weight	80	90	110	110	110	130	200	220	250



XCD-4500U



XCD-160U-ECH

技术参数 SPECIFICATIONS

型号 Model	XCD-1200U	XCD-1500U	XCD-2300U	XCD-3000U	XCD-4500U	XCD-6000U	XCD-7500U
干燥电热 Heater Power(Kw)	24	36	36	48	72	96	120
风机 Blower (kW)	1.5	2.2	3.7	3.7	5.5	7.5	11
料桶容量 Hopper Capacity(L)	1200	1500	2300	3000	4500	6000	7500
外形尺寸(mm) Dimensions W×D	1172×1621	1204×1146	1415×1685	1455×1833	2250×1800	2900×1850	2325×1875
脚架尺寸(mm) Floor Stand H1×W1×D1	.....	.....	.....	.....	.....	.....	.....
整体高度(mm) Whole Heght H2	3140	3490	3630	4230	5320	5400	6010
吸料盒管径(mm) Suction Box Pipe Diameter	Φ51(选配Optional)		Φ63(选配Optional)				
出风管口径 Air Outlet Pipe Diameter	4"	5"	6"		8"		
净重(kg) Approx.Net Weight	450	500	650	740	940	1210	2100

注:1)内桶做抛光处理，机型后面加注“P”；
2)改为180℃高温型，加完全保温料桶，机型后面加注“HT”；
3)机器净重包含风机，但不包含脚架；
4)机器电压规格为：3Φ,380V,50Hz。

Note:1)For polished hopper inside,plus“P”at model behind.
2)Mark“HT”at the back of models when 180 high-temp is requested.
3)Blower is included in machine net weight,but floor stand is not included.
4)Power supply:3Φ,380V,50Hz.

产品规格若有改变，恕不另行通知。We reserve the right to change specifications without prior notice.

节能干燥智能控制电箱
ENERGY-SAVING DRYING INTELLIGENT
CONTROL ELECTRIC BOX

该产品可用于对市面上干燥机进行节能改造，只需要将现有电箱更换成携成节能智能控制电箱即可实现30%-80%的节能。

This product enables energy-saving retrofits for the market-available dryers. Just to replace the existing electrical cabinet with Xiecheng's Intelligent Control Cabinet can achieve 30%-80% energy saving.

特点：

- 采用PID控制器，4.3寸触摸屏显示实时工作状态；
- 高效节能，对比普通机型同等工况下可节能30%-80%；
- 内置多种常见原料工艺配方，只需要选择原料种类，系统自动设置干燥温度及风量；
- 自适应功能，设置温度后系统自动运行调节风量；
- 自动保温功能，当机器停止供料时，自动进入保温状态，节省能源，防止原料过度干燥的同时保障随时可以提供干燥原料；
- 具有超温、低温报警保护功能；
- 采用SSR固态继电器控制；
- 具有超温脱扣功能，当干燥温度超过设定温度偏差值时，自动切断电源；
- 配备一周24小时定时功能，实现整机预约自动运行；
- 配备通讯功能，实现自动化远程管理。

FEATURE:

- Adopted PID controller, the 4.3-inch touch screen displays real-time working status;
- Highly efficient and energy-saving, compared with ordinary models, it can save 30%-80% of energy under the same working conditions;
- With a variety of common raw material process formulas, only need to select the type of raw material, and the system automatically sets the drying temperature and air volume;
- Adaptive function, the system automatically operates to adjust the air volume after setting the temperature;
- Automatic heat preservation function, when the machine stops feeding, it will automatically enter the heat preservation state, saving energy, preventing over-drying of raw materials and ensuring that dry raw materials can be provided at any time;
- With over-temperature and low-temperature alarm protection functions;
- Adopt SSR solid-state relay control;
- It has over-temperature trip function. When the drying temperature exceeds the set temperature deviation value, the power supply will be automatically cut off;
- Timing function for 24 hours and weekly setting to realize automatic running;
- Equipped with communication functions to realize automated remote management.

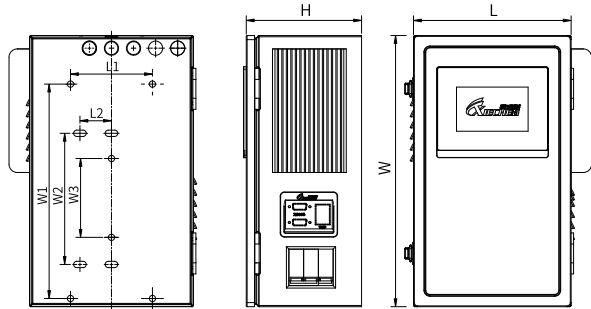
技术参数 SPECIFICATIONS

型号Model	XC-50~400ECH	XC-600~800ECH
最大电热功率 (KW) Maximum Electric heating power	18	27
最大风机功率 (W) Maximum Blower power	0.6	1.5
电压 Voltage	220~460V/3P	
电箱外形尺寸 (mm) Dimensions WxLxH	250x430x160	380x500x200
电箱安装尺寸 (mm) Installation Dimensions L1xL2xW1xW2xW3	130x50x340x208x125	340x80x340x208x208

注：>800以上的型号电箱可以定制。Note: Electrical boxes for models above 800 can be customized.
产品规格若有改变，恕不另行通知。We reserve the right to change specifications without prior notice.



结构简图 STRUCTURE DIAGRAM



自适应智能节能干燥机

SELF-ADAPTIVE INTELLIGENT ENERGY-SAVING HOPPER DRYER



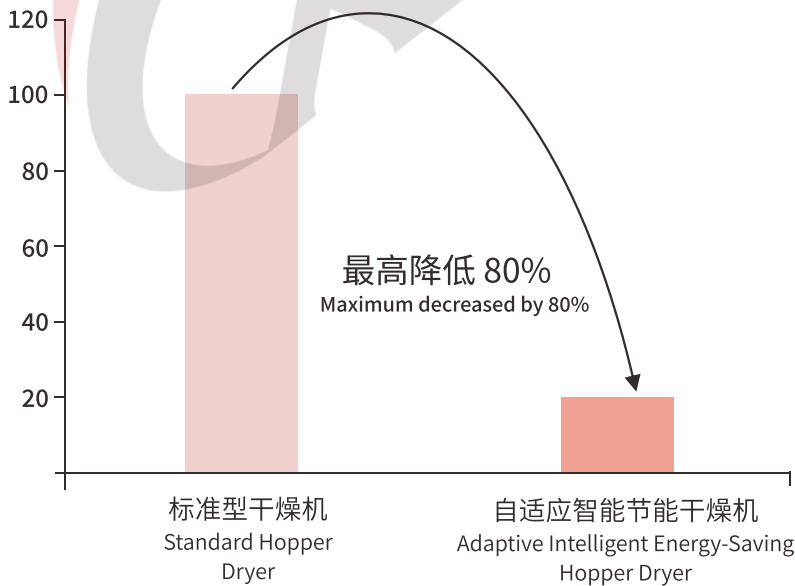
特点：

- 采用高性能的热风扩散装置设计，确保温度均匀，提高干燥效率；
- 电热筒弯形设计，避免因原料粉屑堆积筒底而引起燃烧；
- 采用PID控制器，4.3寸触摸屏显示实时工作状态；
- 高效节能，对比普通机型同等工况下可节能30%-80%；
- 内置多种常见原料工艺配方，只需要选择原料种类，系统自动设置干燥温度及风量；
- 自适应功能，设置温度后系统自动运行调节风量；
- 自动保温功能，当机器停止供料时，自动进入保温状态，节省能源，防止原料过度干燥的同时保障随时可以提供干燥原料；
- 具有超温、低温报警保护功能；
- 采用SSR固态继电器控制；
- 具有超温脱扣功能，当干燥温度超过设定温度偏差值时，自动切断电源；
- 配备一周24小时定时功能，实现整机预约自动运行；
- 配备通讯功能，实现自动化远程管理。

FEATURE:

- Using high-performance hot air diffusion design to ensure uniform temperature distribution and improve drying efficiency;
- Electric barrel bending design, to avoid combustion caused by raw material powder accumulation at the bottom of the barre;
- Equipped with a PID controller and a 4.3-inch touchscreen to display real-time working status;
- Designed for high energy efficiency, saving 30%-80% energy compared to ordinary models under the same working conditions;
- Incorporates built-in process recipes for multiple common raw materials; simply select the material type, and the system automatically sets the drying temperature and air volume;
- With an adaptive function that automatically adjusts the air volume after setting the temperature for optimal operation;
- Includes an auto heat preservation function that activates when the machine stops feeding, saving energy, preventing over-drying, and ensuring dry materials are always ready for use;
- With over-temperature and low-temperature alarm protection functions;
- Adopt SSR solid-state relay control;
- It has over-temperature trip function. When the drying temperature exceeds the set temperature deviation value, the power supply will be automatically cut off;
- Timing function for 24 hours and weekly setting to realize automatic running;
- Equipped with communication functions to realize automated remote management.

年度运行耗电对比
Comparison of Annual Power Consumption



高效节能型干燥机

HIGH EFFICIENT ENERGY SAVING HOPPER DRYER

携成高效节能干燥机主要用于对大多数不易吸湿的塑料原料进行干燥, 如PP、PS、ABS等, 最高干燥温度可达160℃,也可选用双层保温机型, 可使料桶温度更均匀、热量散失更少, 更节能。另可选配热风回收系统、磁力架等配件, 亦可搭配脚架实现落地式安装。

The Xiecheng energy-efficient dryer is mainly used for drying most non-hygroscopic plastic raw materials, such as PP, PS, ABS, etc. The maximum drying temperature can reach 160°C. The double-layer insulated feature can also be selected, which can make the material barrel temperature more uniform and reduce heat loss, making it more energy-saving. It can also be equipped with a Hot Air Recycling System, magnetic bars and other accessories, and can be installed on the ground with a stand.

特点:

- ◎采用下吹式结构设计, 减少进风温度和电热温度温差, 保证进风温度稳定;
- ◎加热箱采用双层保温结构设计, 降低耗电量的同时避免机器周围温度过高, 独特的热风扩散结构设计使高温风能够均匀加热桶内原料, 减少风量阻力以及加热不均匀, 实现更高效干燥;
- ◎同比普通干燥机, 在同等工况下可节能30%-40%, 同时干燥效果显著提升;
- ◎最高干燥温度可达160℃;
- ◎具有超温脱扣功能, 当干燥温度超过设定温度偏差值时, 自动切断电源;
- ◎料桶与料斗分离式设计并配备清理门, 便于清理;
- ◎行业领先的液晶显示微电脑控制器, 控温制精度可达±0.1℃;
- ◎原料接触部分采用不锈钢制作, 确保原料不被污染;
- ◎配备一周24小时定时功能, 实现整机预约自动运行;
- ◎配备RS485通讯接口, 实现自动化远程管理。

FEATURE:

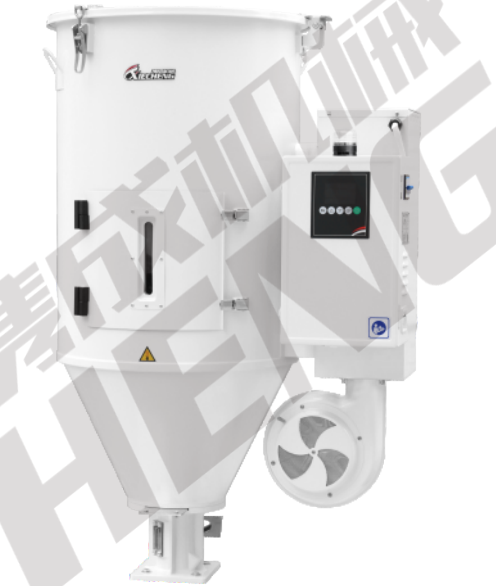
- ◎Adopted the downward blowing structure design to reduce the temperature difference between the incoming air and the electric heating, ensuring the stability of the incoming air temperature;
- ◎The heating chamber adopts a double-layer insulation structure design, which reduces power consumption and avoids the temperature around the machine being too high. The unique hot air diffusion structure design enables the high-temperature air to uniformly heat the raw materials in the barrel, reducing air flow resistance and uneven heating, thereby achieving more efficient drying;
- ◎Compared with ordinary dryers, it can save 30%-40% energy under the same working conditions, and the drying effect is significantly improved;
- ◎The maximum drying temperature can reach 160°C;
- ◎It has over-temperature trip function. When the drying temperature exceeds the set temperature deviation value, the power supply will be automatically cut off;
- ◎The material barrel and hopper are designed separately and equipped with a cleaning door, which is convenient for cleaning;
- ◎The industry-leading LCD microcomputer controller has a temperature control accuracy of ±0.1°C;
- ◎The parts in contact with raw materials are made of stainless steel to ensure that the raw materials are not polluted;
- ◎Equipped with a 24-hour timer for one week to achieve automatic operation of the whole machine by appointment;
- ◎Equipped with RS485 communication interface to achieve automated remote management.

技术参数 SPECIFICATIONS

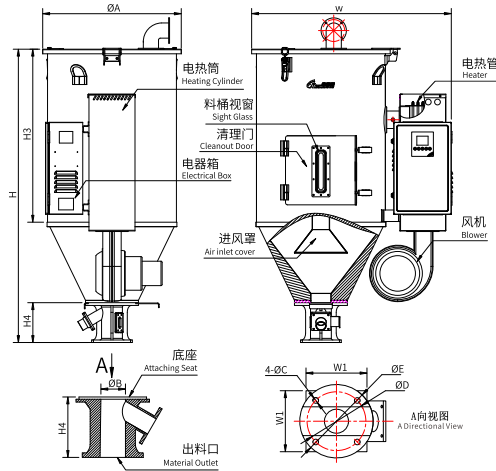
型号 Model	容量KG Capacity	电热KW Heating Power	风机W Blower	外形尺寸 (mm)Dimension					底座尺寸 (mm) Base size					净重约 (KG) Approx. Net Weight
				H	H3	H4	∅A	W	W1	∅B	∅E	∅D	∅C	
XC-GHE50KG	50	5	170	1075	640	157	462	710	158	76	199	160	12	45
XC-GHE75KG	75	6	185	1345	910	157	462	710	158	76	199	160	12	56
XC-GHE100KG	100	7	200	1410	750	173	602	870	177	89	230	190	12	68
XC-GHE150KG	150	10	350	1710	1050	173	602	1006	200	89	230	190	12	78
XC-GHE200KG	200	12	350	1425	800	192	747	1047	230	110	250	210	14	110
XC-GHE300KG	300	15	350	1775	1150	192	747	1047	230	110	250	210	14	150
XC-GHE400KG	400	18	450	1773	1050	205	900	1200	280	119	310	255	16	170
XC-GHE600KG	600	24	1030	2273	1590	245	900	1230	280	135	320	280	16	200

备注: 1. 电压可选范围为220V~440V/50~60HZ/3P/。 The optional voltage range is 220V~440V/50~60HZ/3P
2. 保温型和节能型尺寸一致。 Thermal insulation type and energy-saving type have the same size
3. 以上装料量是以堆积密度约0.65KG/L, 直径为3-5mm塑料颗粒为准。 Above loading capacity is based on plastic particles with bulk density about 0.65KG/L and diameter 3-5mm.

产品规格若有改变, 恕不另行通知。We reserve the right to change specifications without prior notice.



结构简图 STRUCTURE DIAGRAM



标准型干燥机

STANDARD HOPPER DRYER

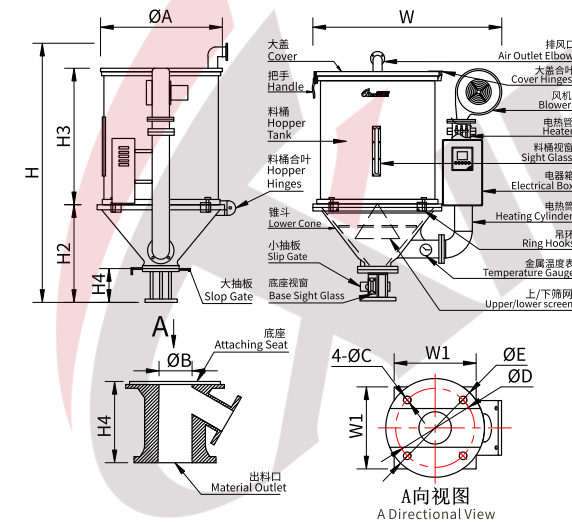
特点:

- ◎采用高性能的热风扩散装置设计, 确保温度均匀, 提高干燥效率;
- ◎桶身及内部部件均采用不锈钢制造, 确保原料不受污染;
- ◎精密压铸铝质外壳, 表面光滑, 保温性能好;
- ◎电热筒弯形设计, 避免因原料粉屑堆积筒底而引起燃烧;
- ◎行业领先的液晶显示微电脑控制器, 控温制精度可达±0.1℃;
- ◎配备一周24小时定时功能, 实现整机预约自动运行;
- ◎另有高温型和桶身双层保温型可供选择;
- ◎可选配热风回收系统使用, 更节能环保;
- ◎可选配通讯功能, 实现自动化远程管理。

FEATURE:

- ◎Adopted high-performance hot air diffusion device design to ensure uniform temperature and improve drying efficiency;
- ◎The barrel and internal parts are made of stainless steel to ensure that the raw materials are not polluted;
- ◎Precision die cast aluminum shell with smooth surface and good thermal insulation performance;
- ◎Electric barrel bending design, to avoid combustion caused by raw material powder accumulation at the bottom of the barrel;
- ◎Industry leading LCD microcomputer controller with temperature control accuracy of ± 0.1 °C;
- ◎Equipped with the 24-hour automatic timing device to realize automatic operation of the whole machine by appointment;
- ◎Optional high temperature type and double-layer insulation type;
- ◎Optional hot air recovery system for use, which is more energy-saving and environmentally friendly;
- ◎Optional for communication function for remote automation management.

结构简图 Structure Diagram



技术参数 SPECIFICATIONS

型号 Model	容量KG Capacity	电热KW Heating Power	风机W Blower	外形尺寸 (mm)Dimension						底座尺寸 (mm) Base size					净重约 (KG) Approx. Net Weight
				H	H2	H3	H4	∅A	W	W1	∅B	∅E	∅D	∅C	
XC-G12KG	12	2.3	100	863	322	448	107	327	677	108	43	130	104	10	22
XC-G25KG	25	3.5	135	978	399	443	159	387	726	150	62	170	140	12	34
XC-G50KG	50	5	170	1153	474	543	157	462	835	158	74	199	160	12	45
XC-G75KG	75	6	185	1254	470	648	157	535	905	158	74	199	160	12	56
XC-G100KG	100	7	200	1320	536	648	173	602	1006	177	81	230	190	12	68
XC-G150KG	150	10	350	1620	536	948	173	602	1006	200	88	230	190	12	78
XC-G200KG	200	12	350	1725	607	933	192	747	1229	230	110	250	210	14	110
XC-G300KG	300	15	350	2125	607	1333	192	747	1229	230	110	250	210	14	150
XC-G400KG	400	18	450	1936	713	1038	205	900	1351	280	119	310	255	16	170
XC-G500KG	500	19.5	450	2386	713	1488	205	900	1351	280	119	310	255	16	183
XC-G600KG	600	24	1030	2355	815	1298	245	1050	1557	280	135	320	280	16	200

备注: 1. 电压可选范围为220V~440V/50~60HZ/3P/。 The optional voltage range is 220V~440V/50~60HZ/3P
2. 保温型和节能型尺寸一致。 Thermal insulation type and energy-saving type have the same size
3. 以上装料量是以堆积密度约0.65KG/L, 直径为3-5mm塑料颗粒为准。 Above loading capacity is based on plastic particles with bulk density about 0.65KG/L and diameter 3-5mm.

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XC-GD100KG

双层保温型Double layer insulation type
热风回收系统选配Hot air recycler optional

干燥机及选购配件
HOPPER DRYER AND ACCESSORIES

集尘器：

- ◎干燥机加装集尘器可避免塑料粉尘四处飞扬，保持环境清洁。

DUST COLLECTOR

- ◎ Additional dust collector installed to avoid plastic particles splashing and keep the ambient clean.

磁力架：

- ◎放入锥斗底部，过滤掉参杂在原料中的铁质物件。有多种结构形式以供选择。

MAGNETIC SEPARATOR

- ◎Inserts at the lower cone bottom, filter out iron mixed with raw materials, optional model available.

吸料盒：

- ◎配合脚架型干燥机使用，吸料顺畅、落料便利。

SUCTION BOX

- ◎For standing type hopper dryer, easy for material suction and discharge.



脚架 FLOOR STAND：

- ◎可制作各种特殊结构机架。
- ◎Customized a variety of special structure frame for hopper dryer

产品规格若有改变，恕不另行通知。We reserve the right to change specifications without prior notice.

结晶机
CRYSTALLIZER

PET结晶机适用于结晶性塑料的结晶，如PET、PLA等破碎回收薄片料，在高温下干燥以得到低水分原料而不需担心结块，经过结晶可提高塑胶料的干燥温度与干燥效率。可搭配除湿干燥机组成结晶除湿干燥系统，直接进行结晶、除湿、干燥作业。

PET crystallizer is suitable for crystallizing crystalline plastics, such as PET, PLA and other crushed and recycled flake materials. It is dried at high temperature to obtain low-moisture raw materials without worrying about agglomeration. After crystallization, the drying temperature and drying efficiency of plastic materials can be improved. It can be used with a dehumidification dryer to form a crystallization dehumidification and drying system to directly carry out crystallization, dehumidification and drying operations.

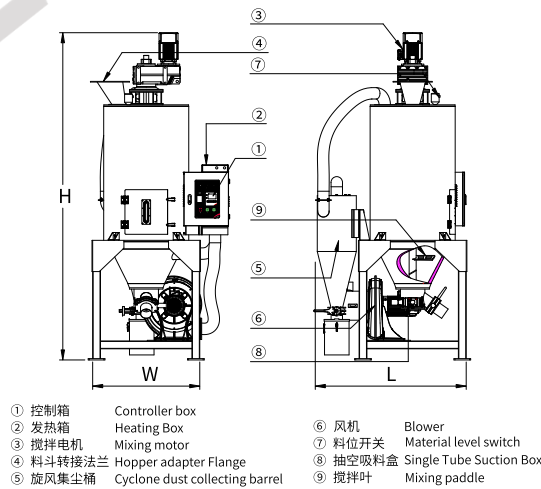
特点：

- ◎定速搅拌设计使未结晶塑料在晶相化的过程温度中不会粘结成块；
- ◎结晶时间30-40分钟，效率高，能耗低；
- ◎配置旋风集尘器，有效集尘减少污染；
- ◎具有超温、过载等保护装置；
- ◎原料接触面均为不锈钢材质，防止原料污染，桶身采用隔热保温处理，节约能源；
- ◎阻旋式料位计作为高料位；
- ◎可搭配自动吸料机，进行连续作业；
- ◎可搭配除湿机，直接同步进行除湿干燥作业。

FEATURE:

- ◎Constant-speed mixing design prevents uncrystallized plastic from sticking into blocks during the crystallization process temperature;
- ◎Crystallization time is 30-40 minutes, high efficiency and energy saving.
- ◎Equipped with cyclone dust collector to effectively collect dust and reduce pollution;
- ◎With over-temperature, overload and other protection devices;
- ◎The raw material contact surfaces are all made of stainless steel to prevent raw material contamination, and the barrel body is insulated to save energy;
- ◎Paddle type material level meter is made of the high material level;
- ◎Can be equipped with automatic suction machine for continuous operation;
- ◎Can be used with a dehumidifier to directly perform dehumidification and drying operations simultaneously.

结构简图 STRUCTURE DIAGRAM



技术参数 SPECIFICATIONS

机型Model	XC-CR350L	XC-CR1000L	XC-CR2000L	XC-CR2500L	XC-CR3000L	XC-CR3500L
干燥电热(KW) Drying Power	18	36	48	60	72	90
风机 (KW) Blower	2.2	3.7	5.5	5.5	7.5	7.5
搅拌电机功率(W) Mixing motor power	1.1	1.5	2.2	3	4	5.5
料桶容量(L) Hopper Capacity	350	1000	2000	2500	3000	3500
出风管口径Air Outlet Pipe Diameter	4"	5"	6"		8"	
结晶机外形尺寸(mm) (WxLxH) Crystallizer Dimensions	1220x1350x2940	1500x1900x3000	1350x1650x3650	1450x1900x3980	1550x2180x4350	1900x2350x5300
除湿结晶外形尺寸(mm) (WxLxH) Dehumidifying crystallizer Dimensions	2100x1500x2400	2650x1900x3000	2850x1650x3650	3100x2050x3980	3900x2180x4350	4300x2350x5300

注：原料为片状料时，需要配片材料斗使用。Note: When the raw material is flake material, it needs to be equipped with a flake material hopper.

产品规格若有改变，恕不另行通知。We reserve the right to change specifications without prior notice.