

MACHINERY
KINGSWEL

上海环桦机械有限公司

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历史 发展

Corporate History

上海环桦机械有限公司是集研发、生产、销售、服务于一体的综合企业，依托王牌机械三十余年专业技术沉淀，持续突破创新，以先进技术与严苛品质立足行业。企业通过 ISO 9001 质量管理体系认证、CE 认证，获评高新技术企业、专精特新中小企业。我们始终坚守质量为本，践行敏捷、细节、创新的价值观，始终以客户为中心提供高效的解决方案促进与客户相互发展，并致力成为行业最具价值的设备生产商。

Shanghai Huanhua Machinery Co., Ltd. is a comprehensive enterprise integrating R&D, manufacturing, sales and service. Rooted in more than 30 years of professional expertise inherited from KINGSWEL Machinery, we keep breaking through and innovating, and have built a solid industry reputation with advanced technology and rigorous quality. The company has obtained ISO9001 Quality Management System certification, CE certification, and is recognized as a High-Tech Enterprise, Specialized & Innovative SMEs. We uphold quality as our foundation, embrace insight, detail and innovation, and stay customer-centric to deliver efficient solutions. We grow together with our partners and are committed to becoming the most valuable equipment manufacturer in the industry.



特点 Hopper dryer

- ☑ 具有自动保护电热管功能
Equipped with automatic protection function for the electric heating tube.
- ☑ 采用知名品牌的电器元件，性能可靠
Electrical components from renowned brands ensure reliable performance.
- ☑ 采用翅片式电热管，散热均匀升温速度快，热效率高，最高温度达 160°C。
Adopts finned electric heating tubes, featuring uniform heat dissipation, fast temperature rise, and high thermal efficiency, with a maximum temperature reaching 160°C.
- ☑ 加热管采用 SUS304 不锈钢材质，无污染，使用寿命长
Heating tube is made of SUS304 stainless steel, non-polluting and long service life.
- ☑ 筒体部分密封件用硅胶材质
Cylinder seals made of silicone rubber.

上海环桦机械有限公司



热风干燥机技术参数

Hopper Dryer Technical Parameters

机型 Model	GZ104	GZ108	GZ112	GZ116	GZ124	GZ132	GZ148	GZ164	GZ196
装料量 kg Loading Capacity	25	50	75	100	150	200	300	400	600
电热功率 kW Electro-thermal Power	3	4.5	6	6	9	12	12	15	20
风机功率 kW Fan Power	0.14	0.15	0.21	0.22	0.22	0.32	0.32	0.34	1.03
耗电总功率 kW Total Power Consumption	3.2	4.7	6.3	6.3	9.3	12.4	12.4	15.4	21.1
机械尺寸 mm Machine size	729×467 ×980	859×533 ×1160	923×594 ×1254	1001×676 ×1322	1046×722 ×1538	1236×808 ×1690	1287×898 ×1852	1367×978 ×1938	1600×1143 ×2322
底座安装尺寸 mm Mounting Dimensions of Base	150×150 ×Ø10	160×160 ×Ø12	160×160 ×Ø12	180×180 ×Ø12	180×180 ×Ø12	230×230 ×Ø14.5	230×230 ×Ø14.5	280×280 ×Ø14.5	280×280
出料孔尺寸 mm Dimension of Discharge Hole	Ø61.5	Ø74	Ø74	Ø81	Ø81	Ø110	Ø110	Ø119	Ø135
安全保护 Safety Protection	采用智能温控表, 具有超温保护功能。 Featuring an intelligent temperature-controlled meter with an overheating protection function.								
选购说明 Instructions on Model Selection	1.GZ1 系列: 标准式 GZ1 系列 B: 保温式。 GZ1 Series: standard type, GZ1 Series B: thermal insulation type.								
	2. 标准型: 干燥温度 160°C (标准为翅片式加热管)。 Standard type: drying temperature 160°C. (The standard is finned heating tube.)								
	3. 干燥机置于地面工作时, 须另配干燥机支架及吸料盒。 If the dryer is to be operated on the ground, a dryer bracket and material sucking box shall be configured additionally.								
	4. 对干燥回用料较多的选型时, 可选配旋风集尘器。 If a large amount of recycled materials is to be processed, it is recommended to configure an optional cyclone separator to reduce dust.								
	5. 装料量系指表观密度为 0.64 的尼龙 6 颗粒的质量。 The loading capacity refers to the mass of 6 nylon particles with an apparent density of 0.64. * 以上数据如有变更恕不另行通知 The above data are subject to change without prior notice.								

热风干燥机技术参数

Hopper Dryer Technical Parameters

机型 Model	GZ164B	GZ196B	GZ1128B	GZ1160B	GZ1240B	GZ1320B
装料量 kg Loading Capacity	400	600	800	1000	1500	2000
电热功率 kW Electro-thermal Power	18	24	30	40	50	50
风机功率 kW Fan Power	0.45	1.03	1.03	2.2	2.2	2.2
耗电总功率 kW Total Power Consumption	18.5	25.1	31.1	42.2	52.2	52.2
机械尺寸 mm Machine size	1530×1100 ×2500	1620×1200 ×2800	1980×1600 ×2565	2190×1600 ×2565	2350×1700 ×3200	2350×1700 ×3200
安全保护 Safety Protection	采用 SKG 温控表, 具有超温保护功能。 Featuring an intelligent SKG meter with an overheating protection function.					
选购说明 Instructions on Model Selection	1.GZ1 系列: 标准式 GZ1 系列 B: 保温式。 GZ1 Series: standard type, GZ1 Series B: thermal insulation type.					
	2. 标准型: 干燥温度 160°C (标准为翅片式加热管)。 Standard type: drying temperature 160°C. (The standard is finned heating tube.)					
	3. 对干燥回用料较多的选型时, 可选配旋风集尘器。 If a large amount of recycled materials is to be processed, it is recommended to configure an optional cyclone separator to reduce dust.					
	4. 装料量系指表观密度为 0.64 的尼龙 6 颗粒的质量。 The loading capacity refers to the mass of 6 nylon particles with an apparent density of 0.64. * 以上数据如有变更恕不另行通知 The above data are subject to change without prior notice.					



特点
Features

加料机
Auto loader

- ☑ 机体与储料桶采用分离式设计，便于安装
The separate design between the machine body and the hopper enables easy installation. The machine body can be placed on the ground for convenient operation, filter cleaning and maintenance.
- ☑ 电机采用三相高静压感应式，输送能力大，使用寿命更长，免除更换碳刷之问题
The electromotor adopts the three-phase high static pressure induction type, with greater conveying capability and longer service life, eliminating the need for carbon brush replacement.
- ☑ 主机结构及控制系统符合人体工程学设计便于操作
The main unit structure and control system adopt an ergonomic design for convenient operation.
- ☑ 加料筒采用不锈钢材质，确保原料不受污染，并增长使用寿命
The hopper is made of stainless steel, ensuring no contamination to raw materials and extending service life.
- ☑ 微电脑全功能操控器采用台湾原装进口产品，确保性能更稳定，使用寿命更长
The microcomputer full-functional controller uses original imported components from Taiwan, ensuring more stable performance and longer service life.
- ☑ 带有可调自动反吹除尘装置，确保滤清器不堵塞，延长清除周期
Equipped with an adjustable automatic back-blowing dust removal device, preventing filter clogging and extending the cleaning interval.
- ☑ 带有满料指示，缺料警报电机过载保护装置等，方便操控与故障排除
Equipped with full material indication, material shortage alarm, motor overload protection and other functions, facilitating operation control and troubleshooting.
- ☑ 粉末加料机滤清器采用特殊材质制成，确保不破裂，可清洗重复使用
Washable filter made from special material for repeatable usage.

JL2 系列加料机技术参数
JL2 Auto Loader Technical Parameters

机型 Model	JL220	JL230	JL245	JL260	JL280	JL2100	JL2150
输送量 kg/h Inner conveying	200	300	450	600	800	1000	1500
气泵功率 kW Air pump power	0.7	1.3	1.6	2.2	3.0	4.0	5.5
吸气管内径 mm Inner diameter of air Suction pipe	Ø38	Ø38	Ø50	Ø50	Ø63	Ø63	Ø63
吸料管内径 mm Inner diameter of feed Suction pipe	Ø38	Ø38	Ø38	Ø50	Ø50	Ø50	Ø63
加料筒容积 L Volume of charging bucket	7.5	12	12	15	25	38	38
加料筒总高 mm Total height of charging barrel	460	515	525	665	710	900	915
加料主机长 mm Length of charging main machine	430	430	430	430	430	600	600
加料主机宽 mm Width of charging main machine	500	500	500	500	500	800	800
加料主机高 mm Height of charging main machine	1100	1100	1100	1100	1100	1150	1150
安装孔间距 Mounting hole pitch	180×180	180×180	180×180	180×180	180×180	180×180	180×180
安全保护 Safety protection	1. 附有满料指示, 缺料报警, 电机过载保护装置等, 方便操作与故障排除。 The full feed indication, alarm on feed lacking and electromotor, overloading protection device are provided to be convenient for operation and troubleshooting. 2. 采用台湾原装微电脑全功能操控器, 以确保性能更稳定, 使用寿命更长。 The original micro-computer full functional controller imported from Taiwan is adopted so as to ensure that the performance is more stable and the service life is longer (line controller).						
选购说明 Instructions on ModelM Selection	1. 对输送的原料温度达 80°C 以上时, 须配耐高温的 PVC 钢丝软管。 High-temperature flexible pipe must be provided when the temperature of the raw materials conveyed reaches over 80°C . 2. 输送的原料中破碎回用料较多时, 须选配加料集尘器。 The dust collector for charging must be selected and matched when there are more crushed recycling materials in the conveyed raw materials. 3. 输送量以 PE 新料粒在高 3.5 米长 2.5 米测量。 The conveying capacity is measured by PE new aggregates on 3.5m height and 2.5m length. <p style="text-align: right;">* 以上数据如有变更恕不另行通知 The above data are subject to change without prior notice.</p>						

JL2 系列 F 粉末加料机技术参数
JL2 Powder Charging Machine Technical Parameters

机型 Model	JL230F	JL245F	JL260F	JL280F
输送量 kg/h Inner conveying	300	450	600	800
气泵功率 kW Air pump power	1.5	2.2	3.0	4.0
吸气管内径 mm Inner diameter of air Suction pipe	Ø50	Ø50	Ø63	Ø63
吸料管内径 mm Inner diameter of feed Suction pipe	Ø38	Ø38	Ø50	Ø50
加料筒容积 L Volume of charging bucket	30	30	40	40
加料筒总高 mm Total height of charging barrel	Ø380×850	Ø380×850	Ø450×930	Ø450×930
加料主机长 mm Length of charging main machine	430	430	430	430
加料主机宽 mm Width of charging main machine	500	500	500	800
加料主机高 mm Height of charging main machine	1100	1100	1100	1150
安装孔间距 Mounting hole pitch	180×180	180×180	180×180	180×180
安全保护 Safety protection	1. 附有满料指示, 缺料报警, 电机过载保护装置等, 方便操作与故障排除。 The full feed indication, alarm on feed lacking and electromotor, overloading protection device are provided to be convenient for operation and troubleshooting. 2. 采用台湾原装微电脑全功能操控器, 以确保性能更稳定, 使用寿命更长。 The original micro-computer full functional controller imported from Taiwan is adopted so as to ensure that the performance is more stable and the service life is longer (line controller).			
选购说明 Instructions on ModelM Selection	1. 本机适合输送的粉料须是常温状态下颗粒度小于 100 目 (不含油脂或性添加剂) The granularity of the powder applicable for conveying by this machine must be greater than 100 meshes under normal temperature condition (excluding the grease or adhesive additives). 2. 对于颗粒度更小的粉料须另行特制。 The powders with less granularity must be specially fabricated additionally. 3. 输送量以 PE 新料粒在高 3.5 米长 2.5 米测量。 The conveying capacity is measured by PE new aggregates on 3.5m height and 2.5m length. <p style="text-align: right;">* 以上数据如有变更恕不另行通知 The above data are subject to change without prior notice.</p>			

特点
Features

温控机

Temperature controlling machine



- TC 系列冷热两用温度控制机，集加热、制冷于一体
TC series dual-purpose temperature control machines, integrated with the heating and cooling functions in one unit.
- 能够同时输出 1-4 组不同温度的热媒体，1 路冰水
Capable of outputting 1-4 groups of thermal media at different temperatures and 1 channel of ice water.
- 温度控制范围大：每组输出都可以在 5°C ~95°C 之间任一设定
Larger temperature control range: Able to define the temperature within 5~95 °C for each set of output.
- 采用 PID 智能温度控制，控制温度精度高，在 ±1°C 范围内
PID-based intelligent temperature control for regulating the temperature with a high accuracy of ± 1 °C .
- 选料上乘：所有机电材料均采用欧美品牌，可靠性高、寿命长
High-quality materials: All mechanical and electrical materials are imported from USA and Europe to ensure high reliability and long lifecycle.
- 具有多达 11 项异常保护警示功能
Featuring 11 error protection warning functions.

温控机技术参数 (风冷式)
 Technical Parameters of Temperature Controller Unit (air-cooled type)

机型 Model		TC0506F	TC0709F	TC1015F	TC1520F	TC2024F	TC3030F	TC4036F	TC4048F	
控制系统 Control system	温控范围 °C Temperature control range	5~95								
	操作程序 Operating procedures	独立微电脑制冷、温控系统, 全功能防错操作系统 Standalone Microcomputer Refrigeration and Temperature Control System, Full-function error-proof operating system								
	温控器 Thermostat	多功能、多测点、IPS 技术液晶触控专用温度控制器 Multi-function Multi-point Temperature Controller with IPS LCD Touchscreen								
	温控程序 Temperature Control program	可测出并显示和控制入口温度、出口温度、设定温度 Be capable of measuring, displaying, and controlling inlet temperature, outlet temperature, and set temperature								
冷冻系统 Cooling system	制冷量 kcal/h Cooling capacity	13420	21760	28680	43520	57360	84200	114720	114720	
	压缩机 Compressor	采用美国 COPELAND 冷冻涡旋全封闭高效率或同等等级冷媒压缩机 Use COPELAND refrigeration hermetic scroll compressor or equivalent high-efficiency refrigerant compressor								
	压缩机输入功率 kW Compressor input power	4.13	6.2	8.21	6.2×2	8.21×2	12.34×2	8.21×4	8.21×4	
	冷凝器风扇功率 kW Fans power	0.22×2	0.5×2	0.5×2	0.83×2	1.5×2	1.5×3	1.6×3	1.6×3	
	冷凝器 Condenser type	高效翅片式 High-efficiency finned type			"V" 型高效翅片式 High-efficiency V-shaped finned type					
	使用冷媒 Refrigerant	R22								
	蒸发器 Evaporator	壳管式, 内附星型导流板 Shell tube type, enclosed with the star-shaped guide plate								
	泵功率 kW Pump power	0.75	1.1	1.5	1.8	2.4	3	4	4	
	泵最大流量 L/min Max. flow of the pump	117	183	183	267	267	367	467	467	
	泵最大压力 MPa Max. pressure for the pump	0.37	0.29	0.39	0.35	0.47	0.4	0.4	0.4	
加热系统 Heating system	加热控制组 (组) Heating control unit (set)	2	2	2	2	2	2	2	2	
	加热功率 kW Heating power	6×2	9×2	15×2	20×2	24×2	30×2	36×2	48×2	
	热交换器 Heat exchanger	不锈钢双筒式 Stainless steel double-buckettype								
	冷却口径 Diameter of Cooling Pipeline	1/2"	1/2"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	
	泵功率 kW Pump power	0.75×2	0.75×2	1.5×2	1.5×2	2.2×2	2.2×2	2.2×2	3.7×2	
	泵最大流量 L/min Max. flow of the pump	165	165	235	235	315	315	315	367	
	泵最大压力 MPa Max. pressure for the pump	0.2	0.2	0.24	0.24	0.3	0.3	0.3	0.45	
机体 Body	冰水储量 Ice water capacity	60	120	120	140	200	310	270	270	
	外形尺寸 cm Overall dimensions	133×65 ×165	176×85 ×230	176×85 ×230	194×140 ×201	221×140 ×212	311×150 ×190	311×167 ×231	311×177 ×231	
	重量 kg Weight	500	770	770	960	1040	1850	2200	2250	
配管 Pipe	冰水 Ice water	1 1/4"	1 1/2"	1 1/2"	2"	2"	2"	2"	2"	
	热水 Hot water	1"	1"	1"	1"	1"	1"	1 1/2"	1 1/2"	
	补水 Water Refill	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	
电力 Power	电源 Power supply	3PH+N+PE 380V 50HZ								
	电力控制 Electric control	电磁开关附保护 Solenoid switch attached protection								
	最大电力 kW Max. power consumption	18.8	27.8	43.7	58.9	74.2	96.6	118	145	
标准配件 Standard fitting	冷媒高压表、冷媒低压表、出口压力表、液位视窗 High pressure gauge for refrigerant low pressure gauge for refrigerant, ice water outlet pressure gauge liquidilling opening liquid									
选购配件 Optional fitting	多入多出配管接头、各种耐温管及配件 Multiple-input and Multiple-output pipe joint, various temperature-resistant pipe and pipe fitting									
安全保护系统 Safety protection system	电源缺相、逆相保护、压缩机过载保护、循环泵过载保护、风扇过载保护、散热不良保护、冷媒不足保护 卸压调压装置、水温过低保护、水温过高保护、缺水警报、能量不足保护、测温体异常保护、总电源无熔丝断路器 Power supply phase loss & reverse phase protection, Compressor overload protection, Circulating pump overload protection, Fan overload protection, Poor heat dissipation protection, Insufficient refrigerant protection, Pressure relief & pressure regulating device Water temperature too low protection, Water temperature too high protection, Water shortage alarm, Insufficient energy protection Temperature sensor abnormal protection, Main power no-fuse circuit breaker									

1. 制冷量测试条件: 蒸发温度 10°C, 冷凝温度 50°C 2. 相关参数不在本表范围内的可定制。
 1. Cooling capacity test conditions: Evaporating temperature 10°C, Condensing temperature 50°C
 2. Customization is available for relevant parameters beyond the scope of this table.

* 以上数据如有变更恕不另行通知
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温控机技术参数 (水冷式)									
Technical Parameters of Temperature Controller Unit (water-cooled type)									
机型 Model	TC0506S	TC0709S	TC1015S	TC1520S	TC2024S	TC3030S	TC4036S	TC4048S	
控制系统 Control system	温控范围 °C Temperature control range	5-95							
	操作程序 Operating procedures	独立微电脑制冷、温控系统, 全功能防错操作系统 Standalone Microcomputer Refrigeration and Temperature Control System, Full-function error-proof operating system							
	温控器 Thermostat	多功能、多测点、IPS 技术液晶触控专用温度控制器 Multi-function Multi-point Temperature Controller with IPS LCD Touchscreen							
	温控程序 Temperature Control program	可测出并显示和控制入口温度、出口温度、设定温度 Be capable of measuring, displaying, and controlling inlet temperature, outlet temperature, and set temperature							
冷冻系统 Cooling system	制冷量 kcal/h Cooling capacity	13420	21760	28680	43520	57360	84200	114720	114720
	压缩机 Compressor	采用美国 COPELAND 冷冻涡旋全封闭高效率或同等级冷媒压缩机 Use COPELAND refrigeration hermetic scroll compressor or equivalent high-efficiency refrigerant compressor							
	压缩机输入功率 kW Compressor input power	4.13	6.2	8.21	6.2×2	8.21×2	12.34×2	8.21×4	8.21×4
	冷凝器 Condenser type	壳管式, 附可拆卸盖板, 铜管采用鳍纹式散热模式 The shell tube type is attached with the removable cover plate, and the fin-type heat dissipation mode is used for the copper type							
	使用冷媒 Refrigerant	R22							
	蒸发器 Evaporator	壳管式, 内附星型导流板 Shell tube type, enclosed with the star-shaped guide plate							
	泵功率 kW Pump power	0.75	1.1	1.5	1.8	2.4	3	4	4
	泵最大流量 L/min Max. flow of the pump	117	183	183	267	267	367	467	467
	泵最大压力 MPa Max. pressure for the pump	0.37	0.29	0.39	0.35	0.4	0.4	0.4	0.4
加热系统 Heating system	加热控制组 (组) Heating control unit (set)	2	2	2	2	2	2	2	2
	加热功率 kW Heating power	6×2	9×2	15×2	20×2	24×2	30×2	36×2	48×2
	热交换器 Heat exchanger	不锈钢双筒式 Stainless steel double-bucket type							
	冷却口径 Diameter of Cooling Pipeline	1/2"	1/2"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	泵功率 kW Pump power	0.75×2	0.75×2	1.5×2	1.5×2	2.2×2	2.2×2	2.2×2	3.7×2
	泵最大流量 L/min Max. flow of the pump	165	165	235	235	315	315	315	367
	泵最大压力 MPa Max. pressure for the pump	0.2	0.2	0.24	0.24	0.3	0.3	0.3	0.45
机体 Body	冰水储量 L Ice water capacity	85	140	140	200	200	400	400	400
	外形尺寸 cm Overall dimensions	126×95 ×140	151×100 ×154	151×100 ×154	181×115 ×243	181×115 ×243	210×130 ×209	256×135 ×231	256×155 ×231
	重量 kg Weight	530	670	670	1000	1050	1920	2200	2300
配管 Pipe	冰水 Ice water	1 1/4"	1 1/2"	1 1/2"	2"	2"	2"	2"	2"
	热水 Hot water	1"	1"	1"	1"	1"	1"	1 1/2"	1 1/2"
	冷却水 Colling water	1 1/4"	1 1/2"	1 1/2"	2"	2"	2"	2"×2	2"×2
	补水 Water Refill	-	-	-	1/2"	1/2"	1/2"	1/2"	1/2"
电力 Power	电源 Power supply	3PH+N+PE 380V 50HZ							
	电力控制 Electric control	电磁开关附保护 Solenoid switch attached protection							
	最大电力 kW Max. power consumption	18.4	26.8	42.7	57.2	71.2	92.1	113.2	140.2
标准配件 Standard fitting	冷媒高压表、冷媒低压表、出口压力表、液位视窗 High pressure gauge for refrigerant low pressure gauge for refrigerant, ice water outlet pressure gauge liquidilling opening liquid								
选购配件 Optional fitting	多入多出配管接头、各种耐温管及配件 Multiple-input and Multiple-output pipe joint, various temperature-resistant pipe and pipe fitting								
安全保护系统 Safety protection system	电源缺相、逆相保护、压缩机过载保护、循环泵过载保护、散热不良保护、冷媒不足保护 卸压调压装置、水温过低保护、水温过高保护、缺水警报、能量不足保护、测温体异常保护、总电源无熔丝断路器 Power supply phase loss & reverse phase protection, Compressor overload protection, Circulating pump overload protection, Poor heat dissipation protection, Insufficient refrigerant protection, Pressure relief & pressure regulating device Water temperature too low protection, Water temperature too high protection, Water shortage alarm, Insufficient energy protection Temperature sensor abnormal protection, Main power no-fuse circuit breaker								

1. 制冷量测试条件: 蒸发温度 10°C, 冷凝温度 50°C 2. 相关参数不在本表范围内的可定制。

1. Cooling capacity test conditions: Evaporating temperature 10°C, Condensing temperature 50°C

2. Customization is available for relevant parameters beyond the scope of this table.

* 以上数据如有变更恕不另行通知

The above data are subject to change without prior notice.

特点
Features

冷水机

Industrial chiller

LS305S

水冷式冷水机

微电脑 温度控制器
全功能 温度控制器

MICRO CONTROLLER

18.6 18.7

30

王牌机械 KINGSWEL MACHINERY

- ☑ 压缩机及制冷配件采用美国、法国等欧美品牌，质量可靠
Reliable and high-quality compressor and refrigeration accessories imported from USA and Europe.
- ☑ 冷凝器、蒸发器加大换热面积，能效比高、效果好
Condenser and evaporator designed with a larger heat exchange area to ensure higher energy efficiency and better performance.
- ☑ 完善的安全保护系统，确保各设备安全可靠
Perfect security protection system, safety and reliability of equipment guarantee.
- ☑ 30 年设计制造积淀，以严苛工艺铸就品质，持续精进
30 years of expertise in design and manufacturing. We deliver quality through stringent craftsmanship and continuous improvement.
- ☑ 具有联机功能（RS485），采用 MODBUS 通讯协议，可与各种人机界面、PLC、工业电脑、笔记本电脑连接
Equipped with RS485 communication interface and MODBUS communication protocol, enabling connection to various HMI, PLCs, industrial computers and laptops.

冷水机技术参数 (风冷式)												
Technical Parameters of the Chiller (air-cooled type)												
机型 Model	LS302F	LS303F	LS305F	LS307F	LS310F	LS312F	LS315F	LS320F	LS325F	LS330F	LS340F	
控制系统 Control system	温控范围 °C Temperature control range	5-35										
	操作程序 Operating procedures	微电脑双组输出, 全功能防错操作系统 Microprocessor operation system, full-function error-proof operating system										
	温控器 Thermostat	多功能、多测点、IPS 技术液晶触控专用温度控制器 Multi-function Multi-point Temperature Controller with IPS LCD Touchscreen										
	温控程序 Temperature Control program	可测出并显示和控制入口温度、出口温度、设定温度 Be capable of measuring, displaying, and controlling inlet temperature, outlet temperature, and set temperature										
冷冻系统 Cooling system	制冷量 kcal/h Cooling capacity	6450	8130	13420	21760	28680	32680	43520	57360	65360	84200	114720
	压缩机 Compressor	采用美国 COPELAND 或同等级涡旋式全封闭高效压缩机, 内置隐藏式消音装置 Use COPELAND refrigeration hermetic scroll compressor or equivalent high-efficiency refrigerant compressor										
	压缩机输入功率 kW Compressor input power	1.94	2.57	4.13	6.2	8.21	9.25	6.2×2	8.21×2	9.25×2	12.34×2	8.21×4
	使用冷媒 Refrigerant	R22										
冷凝系统 Condensing System	冷凝器风扇功率 kW Fans power	0.22	0.22×2	0.22×2	0.5×2	0.5×2	0.83×2	0.83×2	1.5×2	1.5×2	1.5×3	1.6×3
	冷凝器 Condenser type	高效翅片式 High-efficiency finned type				"V" 型高效翅片式 High-efficiency V-shaped finned type						
蒸发系统 Evaporating System	膨胀阀 Expansion valve	采用美国 AICO 或同等级品牌 USA AICO or the equivalent brand										
	干燥过滤器 Filter drier	采用美国 AICO 或同等级品牌 USA AICO or the equivalent brand										
	蒸发器 Evaporator	壳管式, 内附星型导流板 Shell tube type, enclosed with the star-shaped guide plate										
循环系统 Circulating System	循环泵品牌 Circulating pump brand	采用南泵或同等级品牌 Nan Pump or the equivalent brand										
	泵功率 kW Pump power	0.55	0.55	0.75	1.1	1.5	1.5	1.8	2.4	3	3	4
	泵最大流量 L/min Max. flow of the pump	58	117	117	183	183	183	267	267	367	367	467
	泵最大压力 MPa Max. pressure of the pump	0.36	0.28	0.37	0.29	0.39	0.39	0.35	0.47	0.4	0.4	0.4
机体 Body	冰水储量 L Ice water capacity	40	60	60	120	120	140	140	200	200	310	270
	外形尺寸 cm Overall dimensions	88×65 ×124	133×65 ×117	133×65 ×117	166×85 ×165	166×85 ×165	194×99 ×201	194×99 ×201	221×100 ×212	221×105 ×212	311×115 ×190	311×137 ×231
	重量 kg Weight	180	300	340	420	520	600	650	720	720	1500	1800
配管 Pipe	冰水 Ice water	1"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"	2"	2"
	补水 Water Refill	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
电力 Power	电源 Power supply	3PH+N+PE 380V 50HZ										
	压缩机控制 Compressor control	电磁开关附保护 Magnetic switch with protector										
	最大电力 kW Max. power consumption	2.7	3.6	5.3	8.3	10.7	12.4	15.9	21.8	24.5	32.2	41.6
标准配件 Standard fitting	冷媒高压表、冷媒低压表、出口压力表、液位视窗 High pressure gauge for refrigerant low pressure gauge for refrigerant, ice water outlet pressure gauge liquidilling opening liquid											
选购配件 Optional fitting	多入多出配管接头、各种耐温管及配件 Multiple-input and Multiple-output pipe joint, various temperature-resistant pipe and pipe fitting											
安全保护系统 Safety protection system	电源缺相、逆相保护、压缩机过载保护、循环泵过载保护、风扇过载保护、散热不良保护、冷媒不足保护 卸压调压装置、水温过低保护、水温过高保护、缺水警报、能量不足保护、测温体异常保护、总电源无熔丝断路器 Power supply phase loss & reverse phase protection, Compressor overload protection, Circulating pump overload protection, Fan overload protection, Poor heat dissipation protection, Insufficient refrigerant protection, Pressure relief & pressure regulating device Water temperature too low protection, Water temperature too high protection, Water shortage alarm, Insufficient energy protection Temperature sensor abnormal protection, Main power no-fuse circuit breaker											

1. 制冷量测试条件: 蒸发温度 10°C, 冷凝温度 50°C 2. 相关参数不在本表范围内的可定制。
 1. Cooling capacity test conditions: Evaporating temperature 10°C, Condensing temperature 50°C
 2. Customization is available for relevant parameters beyond the scope of this table.

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冷水机技术参数 (水冷式)
 Technical Parameters of the Chiller (water-cooled type)

机型 Model		LS303S	LS305S	LS307S	LS310S	LS312S	LS315S	LS320S	LS325S	LS330S	LS340S
控制系统 Control system	温控范围 °C Temperature control range	5-35									
	操作程序 Operating procedures	微电脑双组输出, 全功能防错操作系统 Microprocessor operation system, full-function error-proof operating system									
	温控器 Thermostat	多功能、多测点、IPS 技术液晶触控专用温度控制器 Multi-function Multi-point Temperature Controller with IPS LCD Touchscreen									
	温控程序 Temperature Control program	可测出并显示和控制入口温度、出口温度、设定温度 Be capable of measuring, displaying, and controlling inlet temperature, outlet temperature, and set temperature									
冷冻系统 Cooling system	制冷量 kcal/h Cooling capacity	8130	13420	21760	28680	32680	43520	57360	65360	84200	114720
	压缩机 Compressor	采用美国 COPELAND 或同等级涡旋式全封闭高效压缩机, 内置隐藏式消音装置 Use COPELAND refrigeration hermetic scroll compressor or equivalent high-efficiency refrigerant compressor									
	压缩机输入功率 kW Compressor input power	2.57	4.13	6.2	8.21	9.25	6.2×2	8.21×2	9.25×2	12.34×2	8.21×4
	使用冷媒 Refrigerant	R22									
冷凝系统 Condensing System	冷凝器 Condenser	壳管式, 附可拆卸盖板, 铜管采用鳍纹式散热模式 The shell tube type is attached with the removable cover plate, and the fin-type heat dissipation mode is used for the copper type									
蒸发系统 Evaporating System	膨胀阀 Expansion valve	采用美国 AICO 或同等级品牌 USA AICO or the equivalent brand									
	干燥过滤器 Filter drier	采用美国 AICO 或同等级品牌 USA AICO or the equivalent brand									
	蒸发器 Evaporator	壳管式, 内附星型导流板 Shell tube type, enclosed with the star-shaped guide plate									
循环系统 Circulating System	循环泵品牌 Circulating pump brand	采用南泵或同等级品牌 Nan Pump or the equivalent brand									
	泵功率 kW Pump power	0.55	0.75	1.1	1.5	1.5	1.8	2.4	3	3	4
	泵最大流量 L/min Max. flow of the pump	117	117	183	183	183	267	267	367	367	467
	泵最大压力 MPa Max. pressure of the pump	0.28	0.37	0.29	0.39	0.39	0.35	0.47	0.4	0.4	0.4
机体 Body	冰水储量 L Ice water capacity	50	85	140	140	140	200	200	200	400	400
	外形尺寸 cm Overall dimensions	100×60×106	120×60×115	145×65×131	145×65×131	146×65×131	175×78×165	175×78×165	175×78×165	204×95×186	230×100×208
	重量 kg Weight	220	320	420	440	440	730	780	780	1650	1800
配管 Pipe	冰水 Ice water	1"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"	2"	2"
	冷却水 Cooling water	1"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"	2"	2"×2
	补水 Water Refill	-	-	-	-	-	1/2"	1/2"	1/2"	1/2"	1/2"
电力 Power	电源 Power supply	3PH+N+PE 380V 50HZ									
	压缩机控制 Compressor control	电磁开关附保护 Magnetic switch with protector									
	最大电力 kW Max. power consumption	3.1	4.9	7.3	9.7	10.8	14.2	18.8	21.5	27.7	36.9
标准配件 Standard fitting	冷媒高压表、冷媒低压表、出口压力表、液位视窗 High pressure gauge for refrigerant low pressure gauge for refrigerant, ice water outlet pressure gauge liquidilling opening liquid										
选购配件 Optional fitting	多入多出配管接头、各种耐高温管及配件 Multiple-input and Multiple-output pipe joint, various temperature-resistant pipe and pipe fitting										
安全保护系统 Safety protection system	电源缺相、逆相保护、压缩机过载保护、循环泵过载保护、散热不良保护、冷媒不足保护 卸压调压装置、水温过低保护、水温过高保护、缺水警报、能量不足保护、测温体异常保护、总电源无熔丝断路器 Power supply phase loss & reverse phase protection, Compressor overload protection, Circulating pump overload protection, Poor heat dissipation protection, Insufficient refrigerant protection, Pressure relief & pressure regulating device Water temperature too low protection, Water temperature too high protection, Water shortage alarm, Insufficient energy protection Temperature sensor abnormal protection, Main power no-fuse circuit breaker										

1. 制冷量测试条件: 蒸发温度 10°C, 冷凝温度 50°C 2. 相关参数不在本表范围内的可定制。
 1. Cooling capacity test conditions: Evaporating temperature 10°C, Condensing temperature 50°C
 2. Customization is available for relevant parameters beyond the scope of this table.

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特
Fea
tures
点

机器人焊接用冷水机

Chiller for robots welding

- 采用板式换热器
Using plate heat exchanger.
- 管路采用 PPR 材质，无生锈或腐蚀
The pipeline is made of PPR material to ensure no rust or corrosion.
- 配置台湾原装进口触摸屏电脑控制板
Computer-based touch screen control panel imported from Taiwan
- 采用全不锈钢多级离心泵
Using special purpose multi-stage centrifugal circulating pump, made of stainless steel, with high lift and large flow rate ideal for robot application.
- 具有联机功能 (RS485)，采用 MODBUS 通讯协议，可与各种人机界面、PLC、工业电脑、笔记本电脑连接
Equipped with RS485 communication interface and MODBUS communication protocol, enabling connection to various HMIs, PLCs, industrial computers and laptops.



机器人焊接专用冷水机技术参数(风冷式)
Technical Parameters of the Robots Welding Chiller (air-cooled type)

机型 Model	LS302FB	LS303FB	LS305FB	LS307FB	LS310FB	LS312FB	LS315FB	LS320FB	LS325FB	LS330FB										
控制系统 Control system	温控范围 °C Temperature control range										5-35									
	操作程序 Operating procedures										微电脑双组输出, 全功能防错操作系统 Microprocessor operation system, full-function error-proof operating system									
	温控器 Thermostat										多功能、多测点、IPS 技术液晶触控专用温度控制器 Multi-function Multi-point Temperature Controller with IPS LCD Touchscreen									
	温控程序 Temperature Control program										可测出并显示和控制入口温度、出口温度、设定温度 Be capable of measuring, displaying, and controlling inlet temperature, outlet temperature, and set temperature									
冷冻系统 Cooling system	制冷量 kcal/h Cooling capacity										6450	8130	13420	21760	28680	32680	43520	57360	65360	84200
	压缩机 Compressor										采用美国 COPELAND 或同等级涡旋式全封闭高效压缩机, 内置隐藏式消音装置 Use COPELAND refrigeration hermetic scroll compressor or equivalent high-efficiency refrigerant compressor									
	压缩机输入功率 kW Compressor input power										1.94	2.57	4.13	6.2	8.21	9.25	6.2×2	8.21×2	9.25×2	12.34×2
	使用冷媒 Refrigerant										R22									
冷凝系统 Condensing System	冷凝器风扇功率 kW Fans power										0.22	0.22×2	0.22×2	0.5×2	0.5×2	0.83×2	0.83×2	1.5×2	1.5×2	1.5×3
	冷凝器 Condenser type										高效翅片式 High-efficiency finned type					"v" 型高效翅片式 High-efficiency V-shaped finned type				
蒸发系统 Evaporating System	膨胀阀 Expansion valve										采用美国 AICO 或同等级品牌 USA AICO or the equivalent brand									
	干燥过滤器 Filter drier										采用美国 AICO 或同等级品牌 USA AICO or the equivalent brand									
	蒸发器 Evaporator										全不锈钢高效板式换热器 Full stainless steel plate heat exchanger with high efficiency									
循环系统 Circulating System	循环泵品牌 Circulating pump brand										采用南泵或同等级品牌 Nan Pump or the equivalent brand									
	泵功率 kW Pump power										0.55	0.75	1.1	1.5	1.5	1.5	2.4	2.4	3	3
	泵最大流量 L/min Max. flow of the pump										58	117	117	183	183	183	267	267	367	367
	泵最大压力 MPa Max. pressure of the pump										0.45	0.37	0.47	0.39	0.39	0.39	0.47	0.47	0.4	0.4
机体 Body	冰水储量 L Ice water capacity										80	120	120	340	340	340	340	340	340	430
	外形尺寸 cm Overall dimensions										88×65 ×124	133×65 ×117	133×65 ×117	166×85 ×165	166×85 ×165	194×99 ×201	194×99 ×201	221×100 ×212	221×105 ×212	311×115 ×190
	重量 kg Weight										140	260	285	395	490	560	610	870	900	1300
配管 Pipe	冰水 Ice water										1"	1"	1"	1"	1"	1 1/4"	1 1/2"	1 1/2"	2"	2"
	补水 Water Refill										人工补水 Manual water replenishment									
电力 Power	电源 Power supply										3PH+N+PE 380V 50HZ									
	压缩机控制 Compressor control										电磁开关附保护 Magnetic switch with protector									
	最大电力 kW Max. power consumption										2.7	3.8	5.7	8.7	10.7	12.4	16.5	21.8	24.5	32.2
标准配件 Standard fitting										冷媒高压表、冷媒低压表、出口压力表、液位视窗 High pressure gauge for refrigerant, low pressure gauge for refrigerant, ice water outlet pressure gauge, liquid level opening liquid										
选购配件 Optional fitting										多入多出配管接头、各种耐温管及配件 Multiple-input and Multiple-output pipe joint, various temperature-resistant pipe and pipe fitting										
安全保护系统 Safety protection system										电源缺相、逆相保护、压缩机过载保护、循环泵过载保护、风扇过载保护、散热不良保护、冷媒不足保护 卸压调压装置、水温过低保护、水温过高保护、缺水警报、能量不足保护、测温体异常保护、总电源无熔丝断路器 Power supply phase loss & reverse phase protection, Compressor overload protection, Circulating pump overload protection, Fan overload protection, Poor heat dissipation protection, Insufficient refrigerant protection, Pressure relief & pressure regulating device Water temperature too low protection, Water temperature too high protection, Water shortage alarm, Insufficient energy protection Temperature sensor abnormal protection, Main power no-fuse circuit breaker										

1. 制冷量测试条件: 蒸发温度 10°C, 冷凝温度 50°C 2. 相关参数不在本表范围内的可定制。
1. Cooling capacity test conditions: Evaporating temperature 10°C, Condensing temperature 50°C
2. Customization is available for relevant parameters beyond the scope of this table.

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机器人焊接专用冷水机技术参数 (风冷式)
 Technical Parameters of the Robots Welding Chiller (air-cooled type)

机型 Model	LS302FBJ	LS303FBJ	LS305FBJ	LS307FBJ	LS310FBJ
控制系统 Control system	温控范围 °C Temperature control range				
	5-35				
	操作程序 Operating procedures				
	微电脑双组输出, 全功能防错操作系统 Microprocessor operation system, full-function error-proof operating system				
冷冻系统 Cooling system	温控器 Thermostat				
	多功能、多测点、IPS 技术液晶触控专用温度控制器 Multi-function Multi-point Temperature Controller with IPS LCD Touchscreen				
	温控程序 Temperature Control program				
	可测出并显示和控制入口温度、出口温度、设定温度 Be capable of measuring, displaying, and controlling inlet temperature, outlet temperature, and set temperature				
冷凝系统 Condensing System	制冷量 kcal/h Cooling capacity				
	5850	7650	12900	17300	26400
	压缩机 Compressor				
	采用全封闭高效率冷媒压缩机, 内附隐藏式消音压缩机 Adopts fully enclosed high-efficiency refrigerant compressor with built-in concealed noise-reducing compressor.				
蒸发系统 Evaporating System	压缩机输入功率 kW Compressor input power				
	2.14	2.65	4.37	5.91	8.82
	使用冷媒 Refrigerant				
	R22				
蒸发系统 Evaporating System	冷凝器风扇功率 kW Fans power				
	0.22	0.22×2	0.22×2	0.50×2	0.50×2
循环系统 Circulating System	冷凝器 Condenser type				
	微通道冷凝器 micro-channel condenser				
	膨胀阀 Expansion valve				
机体 Body	干燥过滤器 Filter drier				
	采用美国 AICO 或同等级品牌 USA AICO or the equivalent brand				
	蒸发器 Evaporator				
	全不锈钢高效板式换热器 with high efficiency Full stainless steel plate heat exchanger with high efficiency				
配管 Pipe	循环泵品牌 Circulating pump brand				
	采用南泵或同等级品牌 Nan Pump or the equivalent brand				
	泵功率 kW Pump power				
	0.55	0.75	0.75	1.5	1.5
电力 Power	泵最大流量 L/min Max. flow of the pump				
	67	117	117	267	267
	泵最大压力 MPa Max. pressure of the pump				
标准配件 Standard fitting	0.44				
	0.39				
	0.48				
选购配件 Optional fitting	0.41				
	0.41				
	0.41				
安全保护系统 Safety protection system	冰水储量 L Ice water capacity				
	80	120	120	340	340
	外形尺寸 cm Overall dimensions				
安全保护系统 Safety protection system	88×65×133				
	133×65×126				
	133×65×126				
安全保护系统 Safety protection system	166×85×174				
	166×85×174				
	166×85×174				
安全保护系统 Safety protection system	重量 kg Weight				
	140	260	285	395	490
	冰水 Ice water				
安全保护系统 Safety protection system	1"				
	1"				
	1"				
安全保护系统 Safety protection system	补水 Water Refill				
	人工补水 Manual water replenishment				
	人工补水 Manual water replenishment				
安全保护系统 Safety protection system	电源 Power supply				
	3PH+N+PE 380V 50HZ				
	压缩机控制 Compressor control				
安全保护系统 Safety protection system	电磁开关附保护 Magnetic switch with protector				
	最大电力 kW Max. power consumption				
	2.9	3.8	5.6	8.4	11.3
安全保护系统 Safety protection system	标准配件 Standard fitting				
	冷媒高压表、冷媒低压表、出口压力表、液位视窗 High pressure gauge for refrigerant low pressure gauge for refrigerant, ice water outlet pressure gauge liquidilling opening liquid				
	选购配件 Optional fitting				
安全保护系统 Safety protection system	多入多出配管接头、各种耐温管及配件 Multiple-input and Multiple-output pipe joint, various temperature-resistant pipe and pipe fitting				
	安全保护系统 Safety protection system				
	电源缺相、逆相保护、压缩机过载保护、循环泵过载保护、风扇过载保护、散热不良保护、冷媒不足保护 卸压调压装置、水温过低保护、水温过高保护、缺水警报、能量不足保护、测温体异常保护、总电源无熔丝断路器 Power supply phase loss & reverse phase protection, Compressor overload protection, Circulating pump overload protection, Fan overload protection, Poor heat dissipation protection, Insufficient refrigerant protection, Pressure relief & pressure regulating device Water temperature too low protection, Water temperature too high protection, Water shortage alarm, Insufficient energy protection Temperature sensor abnormal protection, Main power no-fuse circuit breaker				

1. 制冷量测试条件: 蒸发温度 10°C, 冷凝温度 50°C 2. 相关参数不在本表范围内的可定制。
 1. Cooling capacity test conditions: Evaporating temperature 10°C, Condensing temperature 50°C
 2. Customization is available for relevant parameters beyond the scope of this table.

* 以上数据如有变更恕不另行通知
 The above data are subject to change without prior notice.

特点 Inverter chiller

变频冷水机

- 环保** 采用 R410A 制冷剂，环保无污染
Eco-friendly Uses R410A refrigerant, which is eco-friendly and pollution-free.
- 低噪音** 噪音可低至定频压缩机的 30%
Low noise Noise levels are reduced by up to 30% compared to fixed-frequency compressors.
- 精准控温**
Precise temperature control
- 系统优化** 水箱增大 50%，可选用内外循环双泵系统
System optimization Water tank capacity increased by 50%; optional internal/external dual-pump circulation system available.
- 节能减排** 消除定频压缩机频繁启动，降低运行过程中的能量损耗
Energy saving and emission reduction Eliminates frequent starts of the fixed-frequency compressor, reducing energy loss during operation.
- 具有联机功能** (RS485)，采用 MODBUS 通讯协议，可与各种人机界面、PLC、工业电脑、笔记本电脑连接
Equipped with RS485 communication interface and MODBUS communication protocol, enabling connection to various HMIs, PLCs, industrial computers and laptops.



变频冷水机技术参数 (风冷式)

Technical Parameters of Inverter Chiller (air-cooled type)

机型 Model		LS303FP	LS305FP	LS307FP	LS310FP	LS312FP	LS315FP	LS320FP
控制系统 Control system	温控范围 °C Temperature control range	5-35						
	操作程序 Operating procedures	微电脑双组输出, 全功能防错操作系统 Microprocessor operation system, full-function error-proof operating system						
	温控器 Thermostat	多功能、多测点、IPS 技术液晶触控专用温度控制器 Multi-function Multi-point Temperature Controller with IPS LCD Touchscreen						
	温控程序 Temperature Control program	可测出并显示和控制入口温度、出口温度、设定温度 Be capable of measuring, displaying, and controlling inlet temperature, outlet temperature, and set temperature						
冷冻系统 Cooling system	制冷量 kcal/h Cooling capacity	12730	16510	21070	29760	34490	43340	57280
	压缩机 Compressor	采用美国 COPELAND 全封闭高效率变频压缩机 Use COPELAND hermetic sealed high-efficiency inverter compressor						
	压缩机输入功率 kW Compressor input power	4.6	5.9	7.5	10.3	12.2	14.6	19.2
	使用冷媒 Refrigerant	R410A						
冷凝系统 Condensing System	冷凝器风扇功率 kW Fans power	0.22×2	0.22×2	0.5×2	0.5×2	0.83×2	0.83×2	1.5×2
	冷凝器 Condenser type	高效翅片式 High-efficiency finned type			"v" 型高效翅片式 High-efficiency V-shaped finned type			
蒸发系统 Evaporating System	膨胀阀 Expansion valve	电子膨胀阀 Electronic Expansion Valve						
	干燥过滤器 Filter drier	采用美国 AICO 或同等级品牌 USA AICO or the equivalent brand						
	蒸发器 Evaporator	壳管式, 内附星型导流板 Shell tube type, enclosed with the star-shaped guide plate						
循环系统 Circulating System	循环泵品牌 Circulating pump brand	采用南泵或同等级品牌 Nan Pump or the equivalent brand						
	泵功率 kW Pump power	0.55	0.75	1.1	1.5	1.5	1.8	2.4
	泵最大流量 L/min Max. flow of the pump	117	117	183	183	183	267	267
	泵最大压力 MPa Max. pressure of the pump	0.28	0.37	0.29	0.39	0.39	0.35	0.47
机体 Body	冰水储量 L Ice water capacity	60	60	120	120	140	140	200
	外形尺寸 cm Overall dimensions	133×65 ×117	133×65 ×117	166×85 ×165	166×85 ×165	194×99 ×201	194×99 ×201	221×100 ×212
	重量 kg Weight	290	320	380	490	530	580	645
配管 Pipe	冰水 Ice water	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	2"	2"
	补水 Water Refill	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
电力 Power	电源 Power supply	3PH+N+PE 380V 50HZ						
	压缩机控制 Compressor control	电磁开关附保护 Magnetic switch with protector						
	最大电力 kW Max. power consumption	5.6	7.1	9.6	12.8	15.4	18.1	24.6
标准配件 Standard fitting	冷媒高压表、冷媒低压表、出口压力表、液位视窗 High pressure gauge for refrigerant low pressure gauge for refrigerant, ice water outlet pressure gauge liquidilling opening liquid							
选购配件 Optional fitting	多入多出配管接头、各种耐温管及配件 Multiple-input and Multiple-output pipe joint, various temperature-resistant pipe and pipe fitting							
安全保护系统 Safety protection system	电源缺相、逆相保护、压缩机故障保护、循环泵过载保护、风扇过载保护、散热不良保护、冷媒不足保护 卸压调压装置、水温过低保护、水温过高保护、缺水警报、能量不足保护、测温体异常保护、总电源无熔丝断路器 Power supply phase loss & reverse phase protection, Compressor fault protection, Circulating pump overload protection, Fan overload protection, Poor heat dissipation protection, Insufficient refrigerant protection, Pressure relief & pressure regulating device Water temperature too low protection, Water temperature too high protection, Water shortage alarm, Insufficient energy protection Temperature sensor abnormal protection, Main power no-fuse circuit breaker							

1. 制冷量测试条件: 蒸发温度 7.2°C, 冷凝温度 54.5°C, 压缩机转速 5400rpm 2. 相关参数不在本表范围内的可定制。* 以上数据如有变更恕不另行通知
 1. Cooling capacity test conditions: Evaporating temperature 10°C, Condensing temperature 50°C compressor 5400rpm. The above data are subject to change without prior notice.
 2. Customization is available for relevant parameters beyond the scope of this table.

变频冷水机技术参数(风冷式)
 Technical Parameters of Inverter Chiller (air-cooled type)

机型 Model		LS303FBP	LS305FBP	LS307FBP	LS310FBP	LS312FBP	LS315FBP	LS320FBP
控制系统 Control system	温控范围 °C Temperature control range	5-35						
	操作程序 Operating procedures	微电脑双组输出, 全功能防错操作系统 Microprocessor operation system, full-function error-proof operating system						
	温控器 Thermostat	多功能、多测点、IPS 技术液晶触控专用温度控制器 Multi-function Multi-point Temperature Controller with IPS LCD Touchscreen						
	温控程序 Temperature Control program	可测出并显示和控制入口温度、出口温度、设定温度 Be capable of measuring, displaying, and controlling inlet temperature, outlet temperature, and set temperature						
冷冻系统 Cooling system	制冷量 kcal/h Cooling capacity	12730	16510	21070	29760	34490	43340	57280
	压缩机 Compressor	采用美国 COPELAND 全封闭高效率变频压缩机 Use COPELAND hermetic sealed high-efficiency inverter compressor						
	压缩机输入功率 kW Compressor input power	4.6	5.9	7.5	10.3	12.2	14.6	19.2
	使用冷媒 Refrigerant	R410A						
冷凝系统 Condensing System	冷凝器风扇功率 kW Fans power	0.22×2	0.22×2	0.5×2	0.5×2	0.83×2	0.83×2	1.5×2
	冷凝器 Condenser type	高效翅片式 High-efficiency finned type			"v" 型高效翅片式 High-efficiency V-shaped finned type			
蒸发系统 Evaporating System	膨胀阀 Expansion valve	电子膨胀阀 Electronic Expansion Valve						
	干燥过滤器 Filter drier	采用美国 AICO 或同等品牌 USA AICO or the equivalent brand						
	蒸发器 Evaporator	全不锈钢高效板式换热器 Full stainless steel plate heat exchanger with high efficiency						
循环系统 Circulating System	循环泵品牌 Circulating pump brand	采用南泵或同等品牌 Nan Pump or the equivalent brand						
	泵功率 kW Pump power	0.75	1.1	1.5	1.5	1.5	2.4	2.4
	泵最大流量 L/min Max. flow of the pump	117	117	183	183	183	267	267
	泵最大压力 MPa Max. pressure of the pump	0.37	0.47	0.39	0.39	0.39	0.47	0.47
机体 Body	冰水储量 L Ice water capacity	120	120	340	340	340	340	340
	外形尺寸 cm Overall dimensions	133×65 ×117	133×65 ×117	166×85 ×165	166×85 ×165	194×99 ×201	194×99 ×201	221×100 ×212
	重量 kg Weight	250	265	355	460	500	550	795
配管 Pipe	冰水 Ice water	1"	1"	1"	1"	1"	1 1/2"	1 1/2"
	补水 Water Refill	人工补水 Manual water replenishment						
电力 Power	电源 Power supply	3PH+N+PE 380V 50HZ						
	压缩机控制 Compressor control	电磁开关附保护 Magnetic switch with protector						
	最大电力 kW Max. power consumption	5.8	7.4	10.0	12.8	15.4	18.7	24.6
标准配件 Standard fitting	冷媒高压表、冷媒低压表、出口压力表、液位视窗 High pressure gauge for refrigerant low pressure gauge for refrigerant, ice water outlet pressure gauge liquidilling opening liquid							
选购配件 Optional fitting	多入多出配管接头、各种耐高温及配件 Multiple-input and Multiple-output pipe joint, various temperature-resistant pipe and pipe fitting							
安全保护系统 Safety protection system	电源缺相、逆相保护、压缩机故障保护、循环泵过载保护、风扇过载保护、散热不良保护、冷媒不足保护 卸压调压装置、水温过低保护、水温过高保护、缺水警报、能量不足保护、测温体异常保护、总电源无熔丝断路器 Power supply phase loss & reverse phase protection, Compressor fault protection, Circulating pump overload protection, Fan overload protection, Poor heat dissipation protection, Insufficient refrigerant protection, Pressure relief & pressure regulating device Water temperature too low protection, Water temperature too high protection, Water shortage alarm, Insufficient energy protection Temperature sensor abnormal protection, Main power no-fuse circuit breaker							

1. 制冷量测试条件: 蒸发温度 7.2°C, 冷凝温度 54.5°C, 压缩机转速 5400rpm 2. 相关参数不在本表范围内的可定制。 * 以上数据如有变更恕不另行通知
 1. Cooling capacity test conditions: Evaporating temperature 10°C, Condensing temperature 50°C compressor 5400rpm. The above data are subject to change without prior notice.
 2. Customization is available for relevant parameters beyond the scope of this table.

变频冷水机技术参数 (水冷式)

Technical Parameters of Inverter Chiller (water-cooled type)

机型 Model		LS303SP	LS305SP	LS307SP	LS310SP	LS312SP	LS315SP	LS320SP
控制系统 Control system	温控范围 °C Temperature control range	5-35						
	操作程序 Operating procedures	微电脑双组输出, 全功能防错操作系统 Microprocessor operation system, full-function error-proof operating system						
	温控器 Thermostat	多功能、多测点、IPS 技术液晶触控专用温度控制器 Multi-function Multi-point Temperature Controller with IPS LCD Touchscreen						
	温控程序 Temperature Control program	可测出并显示和控制入口温度、出口温度、设定温度 Be capable of measuring, displaying, and controlling inlet temperature, outlet temperature, and set temperature						
冷冻系统 Cooling system	制冷量 kcal/h Cooling capacity	12730	16510	21070	29760	34490	43340	57280
	压缩机 Compressor	采用美国 COPELAND 全封闭高效率变频压缩机 Use COPELAND hermetic sealed high-efficiency inverter compressor						
	压缩机输入功率 kW Compressor input power	4.6	5.9	7.5	10.3	12.2	14.6	19.2
	使用冷媒 Refrigerant	R410A						
冷凝系统 Condensing System	冷凝器 Condenser	壳管式, 附可拆卸盖板, 铜管采用鳍纹式散热模式 The shell tube type is attached with the removable cover plate, and the fin-type heat dissipation mode is used for the copper type						
蒸发系统 Evaporating System	膨胀阀 Expansion valve	电子膨胀阀 Electronic Expansion Valve						
	干燥过滤器 Filter drier	采用美国 AICO 或同等级品牌 USA AICO or the equivalent brand						
	蒸发器 Evaporator	壳管式, 内附星型导流板 Shell tube type, enclosed with the star-shaped guide plate						
循环系统 Circulating System	循环泵品牌 Circulating pump brand	采用南泵或同等级品牌 Nan Pump or the equivalent brand						
	泵功率 kW Pump power	0.55	0.75	1.1	1.5	1.5	1.8	2.4
	泵最大流量 L/min Max. flow of the pump	117	117	183	183	183	267	267
	泵最大压力 MPa Max. pressure of the pump	0.28	0.37	0.29	0.39	0.39	0.35	0.47
机体 Body	冰水储量 L Ice water capacity	50	85	140	140	140	200	200
	外形尺寸 cm Overall dimensions	100×60×106	120×60×115	145×65×131	145×65×131	145×65×131	175×78×165	175×78×165
	重量 kg Weight	210	300	380	410	410	660	705
配管 Pipe	冰水 Ice water	1"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	2"	2"
	冷却水 Cooling water	1"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	2"	2"
	补水 Water Refill	-	-	-	-	-	1/2"	1/2"
电力 Power	电源 Power supply	3PH+N+PE 380V 50HZ						
	压缩机控制 Compressor control	电磁开关附保护 Magnetic switch with protector						
	最大电力 kW Max. power consumption	5.2	6.7	8.6	11.8	13.7	16.4	21.6
标准配件 Standard fitting	冷媒高压表、冷媒低压表、出口压力表、液位视窗 High pressure gauge for refrigerant low pressure gauge for refrigerant, ice water outlet pressure gauge liquidilling opening liquid							
选购配件 Optional fitting	多入多出配管接头、各种耐温管及配件 Multiple-input and Multiple-output pipe joint, various temperature-resistant pipe and pipe fitting							
安全保护系统 Safety protection system	电源缺相、逆相保护、压缩机故障保护、循环泵过载保护、风扇过载保护、散热不良保护、冷媒不足保护、卸压调压装置、水温过低保护、水温过高保护、缺水警报、能量不足保护、测温体异常保护、总电源无熔丝断路器 Power supply phase loss & reverse phase protection, Compressor fault protection, Circulating pump overload protection, Fan overload protection, Poor heat dissipation protection, Insufficient refrigerant protection, Pressure relief & pressure regulating device, Water temperature too low protection, Water temperature too high protection, Water shortage alarm, Insufficient energy protection, Temperature sensor abnormal protection, Main power no-fuse circuit breaker							

1. 制冷量测试条件: 蒸发温度 7.2°C, 冷凝温度 54.5°C, 压缩机转速 5400rpm 2. 相关参数不在本表范围内的可定制。* 以上数据如有变更恕不另行通知
 1. Cooling capacity test conditions: Evaporating temperature 10°C, Condensing temperature 50°C compressor 5400rpm. The above data are subject to change without prior notice.
 2. Customization is available for relevant parameters beyond the scope of this table.



特点 模温机

Features Mold temperature controller

☑ 具备模具流道堵塞检测功能
Equipped with mold runner blockage detection function.

☑ 完善的安全保护系统，多项自动防错操控程序，确保设备安全可靠
Perfect security protection system and a number of automatic mistake proofing control programs ensure the safety and reliability of equipment.

☑ EM 系列采用分离式电气箱隔热设计，保障电气安全、电气寿命更长久
The EM series adopts a separate electrical box with thermal insulation design, ensuring electrical safety and prolonging service life.

☑ 电热控制采用固态继电器 (SSR)-- 选配
Adopting solid state relay (SSR) for electro-thermal control optional.

☑ 具有联机功能 (RS485)，采用 MODBUS 通讯协议，可与各种人机界面、PLC、工业电脑、笔记本电脑连接
Equipped with RS485 communication interface and MODBUS communication protocol, enabling connection to various HMIs, PLCs, industrial computers and laptops.



EM2018S
水循环
模温控制机

王牌机械 KINGSWEL MACHINERY

模温机技术参数 (水式)

Technical Parameters of the Mold Temperature Controller (water type)

机型 Model		MK306S	MK309S	MK312S	MK315S	MK320S	MK330S	MK340S	MK350S	MK360S	MK390S
控制系统 Control system	最高温度 °C Maximum temperature	110									
	操作程序 Operating procedures	微电脑双组 P.I.D, 全功能防错操控系统 Microcomputer dual P.I.D, with full-function poka-yoke operating system									
	温控器 Thermostat	多功能、多测点、IPS 技术液晶触控专用温度控制器 Multi-function Multi-point Temperature Controller with IPS LCD Touchscreen									
	温控程序 Temperature Control program	可测出并显示入口温度、出口温度、设定温度和控制入口温度 Measures and displays inlet, outlet and set temperatures, and controls inlet temperature.									
加热系统 Heating System	加热功率 kW Heating power	6(3×2)	9(4.5×2)	12(6×2)	15(7.5×2)	20(10×2)	30(15×2)	40(10×4)	50(12.5×4)	60(15×4)	90(15×6)
	热交换器 Heat exchanger	不锈钢双筒式 Stainless steel double-barrel type						不锈钢四筒式 Stainless steel four-barrel type			不锈钢六筒式 Stainless steel six-barrel type
	能量输出 Power export	可自动或手动调节 Allow automatic and manual regulation									
冷却系统 Cooling System	冷却方式 Cooling method	直接冷却 Direct cooling									
	热交换器 Heat exchanger	不锈钢单桶式 Stainless-steel single-barrel type									
	电磁阀通径 Solenoid valve size	1/2"	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	3/4"	3/4"
循环系统 Circulating System	泵功率 kW Pump power	0.75	0.75	1.5	1.5	1.5	2.2	2.2	3.7	3.7	3.7
	泵最大流量 L/min Max. flow of the pump	165	165	235	235	235	315	315	367	367	367
	泵最大压力 MPa Max. pressure of the pump	0.18	0.18	0.22	0.22	0.22	0.28	0.28	0.38	0.38	0.38
机体 Body	热媒储量 L Heating medium reserves	6	6	8	8	8	8	16	16	16	24
	外形尺寸 cm Overall dimensions	70×35×57	70×35×57	90×42×69	90×42×69	90×42×69	90×42×69	100×55×95	100×55×95	100×55×95	130×70×95
	重量 kg Weight	80	80	95	95	95	98	120	120	120	160
配管 Pipe	热媒 Heating medium	1"	1"	1"	1"	1"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"
	冷却水 Cooling water	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	3/4"
电力 Power	电源 Power supply	3PH+N+PE 380V 50HZ									
	电力控制 Electric control	电磁开关附保护 Magnetic switch with protector									
	最大电力 kW Max. power consumption	6.75	9.75	13.5	16.5	21.5	32.2	42.2	53.7	63.7	93.7
标准配件 Standard fitting	冷却水配管球阀及接头、充油式压力表 Ball valves and couplings of cooling water piping; oil-filled pressure gauges										
选购配件 Optional fitting	多入多出配管接头、各种耐温管及配件 Multiple-input and Multiple-output pipe joint, various temperature-resistant pipe and pipe fitting										
安全保护系统 Safety protection system	电源逆相、缺相保护、缺水保护、泵浦过载保护、过热保护、锁定温控上限、测温体异常保护、测温体断路保护、温控异常保护(可检测管路是否阻塞)、异常警报蜂鸣器、系统全过程自动排气 Reverse phase protection, phase loss protection, water shortage protection, pump overload protection, overheating protection, temperature control upper limit lock, temperature sensor abnormality protection, abnormal temperature control protection (can detect pipeline blockage), temperature sensor disconnection protection, abnormal alarm buzzer, full-process automatic air exhaust of the system										

1. S 系列传热介质为水; 2. 110°C 以内任意规格均可定制。

1.S-Type: Heat transfer medium is water. 2.We can design and manufacture any specifications within 110°C.

 * 以上数据如有变更恕不另行通知
 The above data are subject to change without prior notice.

模温机技术参数(水式)

Technical Parameters of the Mold Temperature Controller (water type)

机型 Model		EM1006S	EM1009S	EM2012S	EM2018S	EM3024S	EM3030S	EM3040S	EM5050S	EM5060S	EM5090S	
控制系统 Control system	最高温度 °C Maximum temperature	110										
	操作程序 Operating procedures	微电脑双组 P.I.D, 全功能防错操作系统 Microcomputer dual P.I.D, with full-function poka-yoke operating system										
	温控器 Thermostat	多功能、多测点、IPS 技术液晶触控专用温度控制器 Multi-function Multi-point Temperature Controller with IPS LCD Touchscreen										
	温控程序 Temperature Control program	可测出并显示入口温度、出口温度、设定温度和控制入口温度 Measures and displays inlet, outlet and set temperatures, and controls inlet temperature.										
加热系统 Heating System	加热功率 kW Heating power	6	9	12	18(9×2)	24(12×2)	30(15×2)	40(20×2)	50(25×2)	60(30×2)	90(30×3)	
	热交换器 Heat exchanger	不锈钢单桶式 Stainless-steel single-barrel type				不锈钢双筒式 Stainless steel double-bucket type						不锈钢三筒式 Stainless steel three-bucket type
	能量输出 Power export	可自动或手动调节 Allow automatic and manual regulation										
冷却系统 Cooling System	冷却方式 Cooling method	直接冷却 Direct cooling										
	热交换器 Heat exchanger	无 None				不锈钢单桶式 Stainless-steel single-barrel type						
	电磁阀通径 Solenoid valve size	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	
循环系统 Circulating System	泵功率 kW Pump power	0.75	0.75	1.5	1.5	2.2	2.2	2.2	3.7	3.7	3.7	
	泵最大流量 L/min Max. flow of the pump	165	165	235	235	315	315	315	367	367	367	
	泵最大压力 MPa Max. pressure of the pump	0.2	0.2	0.24	0.24	0.3	0.3	0.3	0.45	0.45	0.45	
机体 Body	热媒储量 L Heating medium reserves	3	3	3	8	8	8	11	12	13	14	
	外形尺寸 cm Overall dimensions	65×34 ×69	65×34 ×69	65×34 ×69	85×40 ×79	85×40 ×79	85×40 ×79	93×40 ×79	113×50 ×87	113×50 ×97	113×50 ×97	
	重量 kg Weight	70	70	75	105	110	110	115	165	170	180	
配管 Pipe	热媒 Heating medium	1"	1"	1"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"	
	冷却水 Cooling water	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	
电力 Power	电源 Power supply	3PH+N+PE 380V 50HZ										
	电力控制 Electric control	固态继电器 (SSR) Adopts solid state relay (SSR)							电力调整器 (SCR) Adopts power regulator (SCR)			
	最大电力 kW Max. power consumption	6.75	9.75	13.5	19.5	26.2	32.2	42.2	53.7	63.7	93.7	
标准配件 Standard fitting	冷却水配管球阀及接头、充油式压力表 Ball valves and couplings of cooling water piping; oil-filled pressure gauges											
选购配件 Optional fitting	多入多出配管接头、各种耐温管及配件 Multiple-input and Multiple-output pipe joint, various temperature-resistant pipe and pipe fitting											
安全保护系统 Safety protection system	电源逆相、缺相保护、缺水保护、泵浦过载保护、过热保护、锁定温控上限、 测温体异常保护、测温体断路保护、温控异常保护 (可检测管路是否阻塞)、 异常警报蜂鸣器、系统全过程自动排气 Reverse phase protection, phase loss protection, water shortage protection, pump overload protection, overheating protection, temperature control upper limit lock, temperature sensor abnormality protection, abnormal temperature control protection (can detect pipeline blockage), temperature sensor disconnection protection, abnormal alarm buzzer, full-process automatic air exhaust of the system											

1. S 系列传热介质为水; 2. 110°C 以内任意规格均可定制。

1.S-Type: Heat transfer medium is water. 2.We can design and manufacture any specifications within 110°C .

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模温机技术参数 (油式)

Technical Parameters of the Mold Temperature Controller (oil-type)

机型 Model	MK306Y	MK309Y	MK312Y	MK315Y	
控制系统 Control system	最高温度 °C Maximum temperature	180			
	操作程序 Operating procedures	微电脑双组 P.I.D, 全功能防错操作系统 Microcomputer dual P.I.D, with full-function poka-yoke operating system			
	温控器 Thermostat	多功能、多测点、IPS 技术液晶触控专用温度控制器 Multi-function Multi-point Temperature Controller with IPS LCD Touchscreen			
	温控程序 Temperature Control program	可测出并显示入口温度、出口温度、设定温度和控制入口温度 Measures and displays inlet, outlet and set temperatures, and controls inlet temperature.			
加热系统 Heating System	加热功率 kW Heating power	6(3×2)	9(4.5×2)	12(6×2)	15(7.5×2)
	热交换器 Heat exchanger	不锈钢双筒式 Stainless steel double-bucket type			
	能量输出 Power export	可自动或手动调节 Allow automatic and manual regulation			
冷却系统 Cooling System	冷却方式 Cooling method	间接冷却 Indirect cooling			
	热交换器 Heat exchanger	高效盘管式 High-efficiency coil tube type			
	电磁阀通径 Solenoid valve size	1/2"	1/2"	1/2"	1/2"
循环系统 Circulating System	泵功率 kW Pump power	0.75	0.75	1.5	1.5
	泵最大流量 L/min Max. flow of the pump	60	60	90	90
	泵最大压力 MPa Max. pressure of the pump	0.6	0.6	0.6	0.6
机体 Body	热媒储量 L Heating medium reserves	16	16	16	16
	外形尺寸 cm Overall dimensions	78×31×68	78×31×68	88×31×83	88×31×83
	重量 kg Weight	95	95	110	110
配管 Pipe	热媒 Heating medium	1/2" × 4 (4进4出) (4-in and 4-out)	1/2" × 4 (4进4出) (4-in and 4-out)	1/2" × 4 (4进4出) (4-in and 4-out)	1/2" × 4 (4进4出) (4-in and 4-out)
	冷却水 Cooling water	1/2"	1/2"	1/2"	1/2"
电力 Power	电源 Power supply	3PH+N+PE 380V 50HZ			
	电力控制 Electric control	电磁开关附保护 Magnetic switch with protector			
	最大电力 kW Max. power consumption	6.75	9.75	13.5	16.5
标准配件 Standard fitting	热媒球阀、冷却水球阀、充油式压力表 Ball valves of heating medium, ball valves of cooling water, oil-filled pressure gauges				
选购配件 Optional fitting	多入多出配管接头、各种耐温管及配件 Multiple-input and Multiple-output pipe joint, various temperature-resistant pipe and pipe fitting				
安全保护系统 Safety protection system	电源逆相、缺相保护、缺水保护、温控异常保护 (可检测管路是否阻塞)、泵浦过载保护、过热保护、锁定温控上限、测温体异常保护、测温体断路保护、异常警报蜂鸣器、系统全过程自动排气 Reverse phase protection, phase loss protection, water shortage protection, abnormal temperature control protection (can detect pipeline blockage), pump overload protection, overheating protection, temperature control upper limit lock, temperature sensor abnormality protection, temperature sensor disconnection protection, abnormal alarm buzzer, full-process automatic air exhaust of the system				

1. Y 系列传热介质为导热油; 2. 180°C 以内任意规格均可定制。

1.Y-Type: Heat transfer medium is heat transfer oil. 2.We can design and manufacture any specifications within 180°C.

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模温机技术参数 (高温油式)

Technical Parameters of the Mold Temperature Controller (HT oil-type)

机型 Model	MK309H	MK315H	MK320H	MK330H	MK340H	MK360H	MK380H	MK3120H	
控制系统 Control system	最高温度 °C Maximum temperature	280							
	操作程序 Operating procedures	微电脑双组 P.I.D, 全功能防错操作系统 Microcomputer dual P.I.D, with full-function poka-yoke operating system							
	温控器 Thermostat	多功能、多测点、IPS 技术液晶触控专用温度控制器 Multi-function Multi-point Temperature Controller with IPS LCD Touchscreen							
	温控程序 Temperature Control program	可测出并显示入口温度、出口温度、设定温度和控制入口温度 Measures and displays inlet, outlet and set temperatures, and controls inlet temperature.							
加热系统 Heating System	加热功率 kW Heating power	9(4.5×2)	15(7.5×2)	20(10×2)	30(15×2)	40(10×4)	60(15×4)	80(20×4)	120(20×6)
	热交换器 Heat exchanger	不锈钢双筒式 Stainless steel double-bucket type				不锈钢四筒式 Stainless steel four-bucket type			不锈钢六筒式 Stainless steel six-bucket type
	能量输出 Power export	可自动或手动调节 Allow automatic and manual regulation							
冷却系统 Cooling System	冷却方式 Cooling method	直接冷却 Direct cooling							
	热交换器 Heat exchanger	高效盘管式 High-efficiency coil tube type							
	电磁阀通径 Solenoid valve size	3/8"	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"
循环系统 Circulating System	泵功率 kW Pump power	1.5	1.5	1.5	2.2	3	4	5.5	7.5
	泵最大流量 L/min Max. flow of the pump	133	133	133	167	208	483	333	667
	泵最大压力 MPa Max. pressure of the pump	0.22	0.22	0.22	0.25	0.32	0.32	0.38	0.4
机体 Body	热媒储量 L Heating medium reserves	60	60	60	60	75	90	120	210
	外形尺寸 cm Overall dimensions	111×65 ×105	111×65 ×105	111×65 ×105	111×65 ×135	111×65 ×135	111×65 ×135	143×75 ×120	143×75 ×155
	重量 kg Weight	225	225	225	235	245	250	280	330
配管 Pipe	热媒 Heating medium	1"	1"	1"	1 1/2"	1 1/2"	2"	2"	2"
	冷却水 Cooling water	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
电力 Power	电源 Power supply	3PH+N+PE 380V 50HZ							
	电力控制 Electric control	电磁开关附保护 Magnetic switch with protector							
	最大电力 kW Max. power consumption	10.5	16.5	21.5	32.2	43	64	85.5	127.5
标准配件 Standard fitting	热媒球阀、冷却水球阀、充油式压力表 Ball valves of heating medium, ball valves of cooling water, oil-filled pressure gauges								
选购配件 Optional fitting	多入多出配管接头、各种耐温管及配件 Multiple-input and Multiple-output pipe joint, various temperature-resistant pipe and pipe fitting								
安全保护系统 Safety protection system	电源逆相、缺相保护、缺水保护、温控异常保护 (可检测管路是否阻塞)、泵浦过载保护、过热保护、锁定温控上限、测温体异常保护、测温体断路保护、异常警报蜂鸣器、系统全过程自动排气 Reverse phase protection, phase loss protection, water shortage protection, abnormal temperature control protection (can detect pipeline blockage), pump overload protection, overheating protection, temperature control upper limit lock, temperature sensor abnormality protection, temperature sensor disconnection protection, abnormal alarm buzzer, full-process automatic air exhaust of the system								

1. H 系列传热介质为导热油; 2. 280°C 以内任意规格均可定制。

1.H-Type: Heat transfer medium is heat transfer oil. 2. We can design and manufacture any specifications within 280°C.

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特
Fea
tures
点

PS 系列破碎机

PS Crusher Series



- 粉碎机箱体采用一体浇注成型，耐磨性好
The pulverizer cabinet is integrally cast, featuring excellent wear resistance.
- 主轴粗，加工精度高，运转平稳，寿命长
The main shaft is thick, with high machining precision, stable operation and long service life.
- 刀具，采用合金工具钢，刀刃锋利，持久耐用
The cutting tools are made of alloy tool steel, with sharp edges and long service life.
- 刀盘设计合理，片型 V 型剪切设计，剪切效率高，速度快，成型颗粒，形状均匀，粉末少
The cutterhead is reasonably designed, adopting a chip-type V-shaped cutting structure. It features high cutting efficiency, fast speed, uniform shape of formed particles and little powder.
- 复合型刀盘设计集片型和爪型设计于一体，阶梯状排列分布，工作时分散物料的冲击力，减轻碎料时的冲击力，使得每把刀片的破碎剪切力更大，效率更高
The composite cutterhead design integrates chip-type and claw-type structures, arranged in a stepped manner. During operation, it disperses the impact force of materials, reduces the impact force during crushing, and enhances the crushing and shearing force of each blade, resulting in higher efficiency.
- 进料斗与筛网架设有安全装置，保证在打开时，刀具停止运转
Safety devices are installed on the feed hopper and screen frame to ensure that the cutting tools stop running completely when the feed hopper or screen frame is opened.
- 机器两边飞轮和带轮超大质量，增强机器的惯性，从而达到工作时降低机器能耗
The flywheels and pulleys on both sides of the machine have ultra-large mass, which enhances the inertia of the machine, thereby reducing the energy consumption of the machine during operation.

PS系列破碎机技术参数
 Technical Parameters of the PS Crusher

机型 Model	PS105	PS107	PS110	PS115	PS120	PS130	PS240	PS250	
破碎能力 kg/h Crushing capacity	70~125	100~200	150~250	200~300	250~350	300~600	350~700	400~800	
电机功率 hp Motor power	5	7.5	10	15	20	30	40	50	
电机功率 kW Motor power	4	5.5	7.5	11	15	22	30	37	
入料腔尺寸 mm Size of material entering box	262×225	300×265	360×265	420×265	480×330	660×450	800×500	800×500	
旋转刀刃直径 mm Diameter of revolving blade	Ø225	Ø230	Ø230	Ø230	Ø300	Ø440	Ø440	Ø440	
主轴转速 rpm Speed of main shaft	410	610	610	610	610	410	410	410	
动刀数量 把 Quantity of moving blade (pcs)	3	3	6	6	9	6/9	6	6	
定刀数量 把 Quantity of fixed cutter(pcs)	2	2	2	2	2	4	4	4	
筛网孔径 mm Mesh size	Ø8.5	Ø8.5	Ø8.5	Ø8.5	Ø8.5	Ø10	Ø10	Ø10	
料斗开启方式 Opening mode of hopper	手动 Manual	手动 Manual	手动 Manual	手动 Manual	手动 Manual	手动 Manual	升降装置 Lifting device	升降装置 Lifting device	
机械尺寸 mm Machinery size	1070×570 ×1340	1182×860 ×1390	1180×870 ×1380	1180×950 ×1380	1390×1100 ×1680	2020×1380 ×2080	2100×1460 ×2260	2044×1520 ×2240	
重量 kg Weight	460	590	760	890	980	1960	2640	2690	
选购配件 Optional fitting	自动出料装置 Automatic feeding mechanism	CL3 2.2kW 风机 Draught fan	CL3 2.2kW 风机 Draught fan	CL3 2.2kW 风机 Draught fan	CL3 2.2kW 风机 Draught fan	CL4 3kW 风机 Draught fan	CL4 3kW 风机 Draught fan	CL5 4kW 风机 Draught fan	CL5 4kW 风机 Draught fan
	储料箱 Storage tank	LX800	LX800	LX800	LX800	LX800	LX1000	LX1000	LX1000
	除尘装置 Dust collector	*	*	*	*	*	LLB-17D 2.2kW 除尘机 Dust collector	LLB-17D 2.2kW 除尘机 Dust collector	LLB-17D 2.2kW 除尘机 Dust collector

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特点
Features

PT 系列破碎机

PT Crusher Series

- 粉碎机箱体加厚钢板焊接箱体，外观设计大气，实用
The pulverizer cabinet is welded with thickened steel plates, featuring an elegant and practical appearance.
- 主轴加粗，加工精度高，动平衡处理，运转平稳，震动小，使用寿命长
The thickened main shaft has high machining precision and undergoes dynamic balance treatment, ensuring stable operation, low vibration and long service life.
- 刀具，采用 SKD-11 材质，韧性好，刀刃锋利，持久耐用
The cutting tools are made of SKD-11 material, with good toughness, sharp edges and long service life.
- 主轴采用 V 型剪切设计，剪切效率高，速度快，颗粒形状均匀，粉末少
The main shaft adopts a V-shaped cutting design, featuring high cutting efficiency, fast speed, uniform particle shape and little powder.
- 机器箱体采用上下箱体分体设计，方便机器刀片的拆装，维护和清理
The machine cabinet adopts a split design of upper and lower cabinets, facilitating the disassembly, assembly, maintenance and cleaning of the machine's blades.
- 机器箱体打开采用手动摇杆打开和液压自动打开装置两种形式，从而降低劳动强度
Two opening methods are adopted for the machine cabinet: manual rocker opening and hydraulic automatic opening, which reduces labor intensity
- 独立控制系统，安全保护功能齐全
It is equipped with an independent control system with complete safety protection functions.

PT系列破碎机技术参数
Technical Parameters of the PT Crusher

机型 Model	PT480	PT660	PT800	PT1000	PT1200	PT1500
破碎能力 kg/h Crushing capacity	250~350	300~600	500~900	700~1100	800~1300	1000~1600
电机功率 hp Motor power	20	30	50	60	75	100
电机功率 kW Motor power	15	22	37	45	55	75
入料腔尺寸 mm Size of material entering box	488×350	668×500	800×720	1000×680	1200×760	1500×720
旋转刀直径 mm Diameter of revolving blade	Ø300	Ø440	Ø600	Ø600	Ø600	Ø600
主轴转速 rpm Speed of main shaft	560	410	410	410	410	410
动刀数量 把 Quantity of moving blade (pcs)	6	9	8	10	12	15
定刀数量 把 Quantity of fixed cutter(pcs)	2	2	4	4	4	6
筛网孔径 mm Mesh size	Ø8.5	Ø10	Ø12	Ø12	Ø12	Ø12
料斗开启方式 Opening mode of hopper	升降装置 Lifting device	升降装置 Lifting device	液压式 2.2kW Hydraulic device	液压式 2.2kW Hydraulic device	液压式 2.2kW Hydraulic device	液压式 2.2kW Hydraulic device
机械尺寸 mm Machinery size	1370×1140 ×1830	1900×1550 ×2700	2300×1800 ×3400	2300×2000 ×3500	2300×2200 ×3700	2400×2600 ×3800
重量 kg Weight	1080	1820	3225	4250	4580	6800
选购配件 Optional fitting	自动出料装置 Automatic feeding mechanism	CL4 3kW 风机 Draught fan	CL5 4kW 风机 Draught fan	CL7 5.5kW 风机 Draught fan	CL10 7.5kW 风机 Draught fan	CL10 7.5kW 风机 Draught fan
	储料箱 Storage tank	LX1000	LX1000	LX1000	LX1000	LX1000
	除尘装置 Dust collector	*	LLB-17D 2.2kW 除尘机 Dust collector	LLB-17D 2.2kW 除尘机 Dust collector	LLB-25D 3kW 除尘机 Dust collector	LLB-25D 3kW 除尘机 Dust collector

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PS-R 系列破碎机

PS-R Crusher Series



☑ 刀片采用 "V 形" 切割技术，切削时物料从两侧向中心滑动，避免材料与机器侧壁的摩擦与堵塞
V type arrangement design, during crushing process material will be crushed in claw blades center point, avoid friction and blockage between material and side wall.

☑ 多种刀架设计可供选择

- 1). 若为硬质球状料则选用爪刀型粉碎机；
- 2). 若材料为薄壁壳管类、瓶类的产品需破碎回收要选用片刀型粉碎机
- 3). 粉碎普通片材、管材、型材及包装材料等制品两种（平、片刀型）粉碎机均可选用

How to choose the correct blades type:

- 1.If hardness block material, please choose staggered blades type central granulators.
- 2.If Thin-walled housing, bottles, please choose paddle blades type central granulators.
- 3.If sheet, pipe, profile and package material, with two choice flat or paddle blades type central granulators all ok.

☑ 片刀型粉碎机是粉碎回收薄膜及薄片材的首选设备

Attention: paddle type central granulators better for crushing film and thinner sheet.

☑ 进料斗内层采用镀锌板制作减少原料的污染

Inner feeding hopper is made of Galvanized plate material, reduce raw material pollution.

☑ 气弹簧设计，开关进料斗更轻松

Air spring design to open and close feeding hopper easily.

☑ 进料斗与筛网架设有安全装置，保证在打开时，刀具停止运转

Safety switch for feeding hopper and screen bed, to make sure rotor stop running absolutely when opening the feeding hopper or screen bed.

PS-R系列破碎机技术参数

Technical Parameters of the PS-R Crusher

机型 Model	PS2630R	PS2640R	PS2650R	PS3660R	PS3670R	PS3680R	PS5680R	PS6680R	PS56100R	PS66100R	PS66120R
破碎能力 kg/h Crushing capacity	270~350	100~200	150~250	200~300	250~350	300~600	700~1000	1000~1600	800~1400	1200~2000	1500~2500
电机功率 hp Motor power	7.5	10	15	20	25	30	40	50	50	60	75
电机功率 kW Motor power	5.5	7.5	11	15	18.5	22	30	37	37	45	55
入料腔尺寸 mm Size of material entering box	260×300	260×400	260×500	360×600	360×700	360×800	560×800	660×800	560×1000	660×1000	660×1200
旋转刀刃直径 mm Diameter of revolving blade	370	370	370	480	480	480	660	800	660	800	800
主轴转速 rpm Speed of main shaft	560	560	560	560	560	560	560	560	560	560	560
动刀数量 把 (pcs) Quantity of moving blade	3	6	6	6	6	6	6	6	6	6	6
定刀数量 把 (pcs) Quantity of fixed cutter	2	2	2	4	4	4	4	4	4	4	4
筛网孔径 mm Mesh size	Ø10	Ø10	Ø10	Ø12	Ø12	Ø12	Ø12	Ø12	Ø12	Ø12	Ø12
料斗开启方式 Opening mode of hopper	气弹簧 Air spring design	气弹簧 Air spring design	气弹簧 Air spring design	气弹簧 Air spring design	气弹簧 Air spring design	气弹簧 Air spring design	电动 Motor drive	电动 Motor drive	电动 Motor drive	电动 Motor drive	电动 Motor drive
机械尺寸 mm Machinery size	1420 ×820 ×1410	1420 ×920 ×1410	1420 ×1020 ×1410	1760 ×1170 ×1840	1760 ×1270 ×1840	1760 ×1370 ×1840	2005 ×1513 ×2587	2575 ×1596 ×2967	2005 ×1713 ×2587	2575 ×1816 ×3013	2575 ×1986 ×3097
重量 kg Weight	495	620	720	1100	1180	1295	2400	3190	2800	3500	3800
选购配件 Optional fitting	自动出料装置 kW Automatic feeding mechanism	2.2	2.2	2.2	3.0	3.0	3.0	4.0	5.5	4.0	5.5
	除尘装置 kW Dust collector	1.5	1.5	1.5	1.5	1.5	1.5	2.2	2.2	2.2	2.2
	动刀刀片 Moving blade	标准类型为刀片, 根据破碎料不同, 动刀可配选爪刀、平刀 Paddle blades type is standard allocation, claw blades type(staggered blades type), flat blades type									

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特点
Features

PT-R 系列破碎机

PT-R Crusher Series



- 粉碎室采用中部半开结构，动、定刀的更换更简单
Half-open structure in the middle of cutting chamber, better for replacing rotating and fixed blades.
- 电动起落，开关进料斗更轻松
Motor driven system, better for opening and closing feeding hopper easily.
- 轴承安装在机体外，粉尘不易侵入，散热良好，保养及维护简便易行
Outside bearing design, hard to enter into dust, better cooling efficiency, maintenance.
- 进料斗内层采用镀锌板制作减少原料的污染
Inner feeding hopper is made of Galvanized plate material, reduce raw material pollution.
- 定刀设计在下部粉碎室上平面，更方便拆卸、更换、清扫
Fixed blades installed on the upper plane of crushing chamber, better for disassemble, replace and clean.
- 进料斗与筛网架设有安全装置，保证在打开时刀片停止运转
Safety switch for feeding hopper and screen bed, to make sure rotor stop running absolutely when opening the feeding hopper or screen bed.
- 电机设过载保护，保护电机安全
Overload device to protect motor.
- 动刀具特殊设计，磨刀(A面)后不需调节刀具间隙，更方便拆卸，更换。刀片采用高铬钢材料，强度高，坚固耐用
The rotating tool features a special design. No need to adjust the tool clearance after regrinding (Surface A), and it is more convenient for disassembly and replacement. The tool is made of high-chromium steel with high strength, sturdiness and durability.

PT-R 系列破碎机技术参数
 Technical Parameters of the PT-R Crusher

机型 Model	PT2640R	PT2650R	PT3660R	PT3680R	PT5680R	PT6680R	PT56100R	PT66100R	PT87100R	PT66120R	PT87120R	PT87140R	
破碎能力 kg/h Crushing capacity	300~450	350~550	450~700	600~900	700~1200	900~1500	800~1400	1000~1800	1500~2500	1200~2000	1800~2800	2000~3000	
电机功率 hp Motor power	15	20	25	40	50	60	60	75	100	100	120	150	
电机功率 kW Motor power	11	15	18.5	30	37	45	45	55	75	75	90	110	
入料腔尺寸 mm Size of material entering box	260×400	260×500	360×600	360×800	560×800	660×800	560×1000	660×1000	1000	660×1200	1200	1400	
旋转刀刃直径 mm Diameter of revolving blade	270	270	370	370	620	760	620	760	870	760	870	870	
主轴转速 rpm Speed of main shaft	560	560	560	560	560	560	560	560	450	560	450	450	
动刀数量 把 (pcs) Quantity of moving blade	6	6	6	6	6	6	6	6	6	6	6	6	
定刀数量 把 (pcs) Quantity of fixed cutter	2	4	4	4	4	4	4	6	4	6	4	4	
筛网孔径 mm Mesh size	Ø10	Ø10	Ø12	Ø12	Ø12	Ø12	Ø12	Ø12	Ø12	Ø12	Ø12	Ø12	
料斗开启方式 Opening mode of hopper	电动 Motor drive	电动 Motor drive	电动 Motor drive	电动 Motor drive	电动 Motor drive	电动 Motor drive	电动 Motor drive	电动 Motor drive	电动 Motor drive	液压式 Hydraulic device	电动 Motor drive	液压式 Hydraulic device	液压式 Hydraulic device
机械尺寸 mm Machinery size	1315 ×960 ×1485	1315 ×1060 ×1485	1630 ×1185 ×1875	1630 ×1385 ×1875	1626 ×1439 ×2410	2317 ×1590 ×3025	1626 ×1639 ×2410	2317 ×1790 ×3025	2290 ×1980 ×3280	2317 ×1990 ×3025	2290 ×2140 ×3280	2290 ×2340 ×3280	
重量 kg Weight	550	650	1200	1350	2550	3500	2980	3700	4960	4000	6200	7800	
选购配件 Optional fitting	自动出料装置 Automatic feeding mechanism	2.2kW	2.2kW	3.0kW	3.0kW	4.0kW	5.5kW	4.0kW	5.5kW	4.0kW×2	5.5kW	4.0kW×2	5.5kW×2
	除尘装置 Dust collector	1.5kW	1.5kW	1.5kW	1.5kW	2.2kW	2.2kW	2.2kW	2.2kW	2.2kW×2	2.2kW	2.2kW×2	2.2kW×2
	动刀刀片 Moving blade	标准类型为片刀, 根据破碎料不同, 动刀可配选爪刀、平刀 Paddle blades type is standard allocation, claw blades type(staggered blades type), flat blades type											

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特点 **螺旋式拌料机**
Features Spiral blender



- 本机单次拌料量大，节省能源 60% 以上
Large mixing capacity per batch, saving more than 60% energy.
- 全不锈钢桶体，光洁平整，无死角
The full stainless steel barrel is smooth, flat and dead-angle-free.
- 投料，清料维护极为方便
Easy to load, unload, clean and maintain the machine.

螺旋式拌料机技术参数 Spiral Blender Technical Parameters								
机型 Model	BL500	BL1000	BL2000	BL3000	BL500H	BL1000H	BL2000H	BL3000H
拌料量 kg Mixing capacity	500	1000	2000	3000	500	1000	2000	3000
功率 kW Power	2.2	3	4	5.5	2.2	3	4	5.5
转速 rpm Rotational Speed	300	300	300	300	300	300	300	300
电热功率 kW Electro-thermal Power	—	—	—	—	10.2	15.3	30.6	40.8
风机功率 kW Fan Power	—	—	—	—	0.55	0.75	1.1	2.2
机械尺寸 cm Dimensions	149×122 ×252	180×143 ×309	203×169 ×361	243×213 ×372	149×140 ×258	180×194 ×309	203×221 ×361	246×270 ×372
重量 kg Weight	450	630	1050	1250	520	710	1150	1380
选购说明 Instructions on Model Selection	拌料量系指表观密度为 0.64 的尼龙 6 颗粒的质量。 The capacity refers to the mass of 6 nylon particles with an apparent density of 0.64							

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特点 直立式拌料机

Features Vertical blender



- ☑ 摆线针轮减速机传动，运转平稳，噪音低
Driven by a cycloid pin gear reducer, it operates smoothly with low noise.
- ☑ 精心设计的搅拌机，能有效翻动、扩散、对流，混料均匀，效率高
The carefully designed mixer ensures efficient turning, diffusion and convection, with uniform mixing and high efficiency.
- ☑ 不锈钢拌料桶、搅料叶，光泽平整
The mixing barrel and agitator paddles are made of stainless steel, with a smooth and shiny surface.

直立式拌料机技术参数
Vertical Blender Technical Parameters

机型 Model	BL205	BL210	BL215	BL220	BL230
拌料量 kg Mixing capacity	50	100	150	200	300
功率 kW Power	1.5	3	4	5.5	7.5
转速 rpm Rotational Speed	68	68	68	68	68
桶径 x 高度 mm Barrel diameter x height	Ø620×460	Ø760×590	Ø860×680	Ø930×750	Ø1080×800
桨叶高度 mm Blade height	370	460	590	650	700
总高度 mm Total height	1000	1170	1300	1430	1500
重量 kg Weight	125	180	250	300	350
选购说明 Instructions on Model Selection	拌料量系指表观密度为 0.64 的尼龙 6 颗粒的质量。 The capacity refers to the mass of 6 nylon particles with an apparent density of 0.64				

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特点 CS 系列除湿干燥机

Features CS Dehumidification dryer

- ☑ 露点温度可达 -40°C，确保塑料彻底干燥
Able to dry plastic completely with dew point temperature up to -40°C .
- ☑ 采用台湾原装进口微电脑板 (LED 显示屏) 性能更稳定，数显强光显示
Configured with Taiwan-made microcomputer board (LED display) to ensure more stable performance. Digital display with bright light.
- ☑ 夜晚操作更为清晰
improving the visibility for night operation.
- ☑ 采用日本进口的蜂巢转轮，除湿能力强，寿命长
Featuring Japan-made honeycomb runner for better dehumidification capacity and longer life cycle.
- ☑ 具有完善的安全保护及异常指示系统
Completed with sophisticated safety protection and error indication system.
- ☑ 超大机型，可配合中央供料系统用
Large-size models, able to be integrated with central feeding system.
- ☑ 有效增加透明制品 (如 PMMA、PC 等) 的透光率
Effectively increasing the light transmittance of transparent products (PMMA,PC).
- ☑ 增加制品的抗拉强度与耐冲击强度
Improve the tensile strength and impact resistance of the products.
- ☑ 确保塑料含水量降至 0.02%(200ppm) 以下
Ensure the moisture content of the plastic is reduced to below 0.02% (200 ppm).
- ☑ 缩短干燥时间，达到生产需求
Shorten the drying time to meet production needs.



CS 系列除湿干燥机技术参数表						
CS Intergrated Dehumidification Dryer Technical Parameters						
机型 Model	CS305B	CS308B	CS312B	CS318B	CS325B	CS335B
风量 m ³ /h Air volume	150	200	300	400	700	1000
干燥风车 kW Drying Blower	1.5	2.2	2.4	3.4	5.5	9
再生风车 kW Regenerating Blower	0.4	0.5	0.75	1.1	2.2	3
再生电热 kW Regenerating Electro-thermal Power	5.4	5.4	7.2	7.2	10	15
消耗总电力 kW Total Power Consumption	7.3	8.1	10.4	11.7	17.7	27
风管口径 Air Duct Size	2.5"	2.5"	3"	3"	4"	5"
机械尺寸 (宽 × 深 × 高)mm Machine size (Width × Deep × Height)	660×1050 ×1560	660×1050 ×1560	700×1255 ×1745	700×1255 ×1745	900×1380 ×1935	1300×1550 ×2145
重量 kg Weight	215	225	240	280	300	400

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除湿干燥能力表
Dehumidification Drying capacity chart

原料 Type of Raw Material	热风干燥温度°C Drying Temperature	干燥时间 h Drying Time	除湿前含水率 % Moisture content before dehumidification	除湿后含水率 % Moisture content after dehumidification	干燥能力 (kg/h) Drying capacity					
					CS305B	CS308B	CS312B	CS318B	CS325B	CS335B
ABS	80	2-3	0.3	0.02	35	71	105	180	285	425
CA	75	2-3	1	0.02	30	60	90	150	235	235
CAB	75	2-3	0.8	0.02	30	60	90	150	235	235
IONOMER	90	3-4	0.1	0.04	22	44	66	111	177	265
PE	90	1	0.01	<0.01	106	212	318	531	850	1275
PA/6.6/6.10	75	4-6	1	0.05	19	38	58	96	153	230
PA11	75	4-5	1	0.05	46	23	46	69	184	275
PA12	75	4-5	1	0.05	46	23	46	69	184	275
PBT	130	3-4	0.2	0.02	31	62	93	155	248	372
PC	120	2-3	0.3	0.01	41	83	124	206	330	495
PET	160	4-6	0.2	0.02	25	50	75	125	200	300
PETG	70	3-4	0.2	0.02	27	53	80	133	212	320
PEN	170	5	0.1	0.05	30	60	90	150	240	360
PI	120	2	0.4	0.02	53	105	160	265	425	640
PMMA(Acrylic)	80	3	0.5	0.02	38	77	115	190	310	460
POM(Acrylic)	100	2	0.2	0.02	53	105	160	265	425	640
PP	90	1	0.1	0.02	88	180	265	442	710	1060
PS	80	1	0.1	0.02	88	180	265	442	708	1062
PPS	150	3-4	0.1	0.02	27	53	80	133	212	320
PU	90	2-3	0.3	0.02	38	77	115	190	307	460
PVC	70	1-2	0.1	0.02	44	90	135	220	355	530
SAN(AS)	80	1-2	0.1	0.05	44	90	135	220	355	530

备注 Note

1. 除湿干燥能力以全新颗粒料为准，并须定期清理空气滤网（以上数据仅供参考）
The dehumidification and drying capacity is based on new particle materials and regular cleaning of air filter (data indicated above are only for reference)

2. 须搭配热风干燥机使用（或相似热风干燥机功能之设备）
A hot dryer (or equivalent equipment) shall be used.

露点 °C Dew Point	20	10	0	-10	-20	-30	-40	-50
相对湿度 % Relative humidity	100	52.40	26.20	11.20	4.40	1.60	0.60	0.20
含水率 % Water content	2.307	1.212	0.603	0.257	0.103	0.038	0.013	0.004

备注 Note

1. 露点定义：空气湿度达到饱和时的温度
Definition of dew point: the temperature when air humidity reaches the saturation satc.

2. 露点说明：露点越低表示该露点下空气越干燥
The lower the dew point is, the drier the air is at this dew point.

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特点
Features

SHY 系列除湿干燥供料机

SHY Integrated Dehumidification drying and feeding machine

- 可全自动运行
Capable of fully automatic operation.
- 可在产品生产时不会受气候变化等外界潮湿空气的环境影响
Production not affected by external humid air or climate changes.
- 可提高产品的抗拉强度，冲击强度，电器性能等内在质量
Improves inherent product quality including tensile strength, impact strength and electrical properties.
- 可解决产品生产时出现的气泡，银纹，变形等外观质量问题
Eliminates appearance defects such as bubbles, silver streaks and deformation.
- 露点温度 -40°C 以下
Dew point temperature below -40°C .
- 可二次送料
Supports secondary material feeding.



SHY 系列除湿干燥供料机主要技术参数 SHY Integrated Dehumidification Dryer and Feeding Machine Technical Parameters							
机型 Model	SHY90	SHY120	SHY160	SHY230	SHY300	SHY450	SHY750
干燥筒容量 L Drying silo capacity	90	120	160	230	300	450	750
电热功率 kW Electro-thermal Power	3.9	6.5	6.5	7.2	12	15	18
干燥风量 m ³ /h Drying air volume	80	80	120	150	200	300	400
干燥风车 kW Drying Blower	0.75	0.75	0.75	1.5	1.5	2.4	3.4
再生电热 kW Regenerating Electro-thermal Power	3.9	3.9	3.9	4.5	5.4	7.2	7.2
加料筒容量 L Feeding Silo capacity	6	6	6	6	6	12	12
气泵功率 kW Air pump Power	0.75	0.75	0.75	1.5	1.5	1.5	1.5
机械尺寸 mm Machine size	1800×1105 ×875	1800×1105 ×875	1860×1190 ×875	2220×1425 ×1015	2160×1460 ×1020	2480×1490 ×1255	2610×1745 ×1255
重量 kg Weight	360	376	395	435	575	600	690
总耗电量 kW Total Power Consumption	9.3	11.9	11.9	14.7	20.4	26.1	30.1

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简介 集中供料系统

Introduction Centralized Material Handling System

集中供料系统是根据气力输送的原理，采用工业程控器的集中控制系统来将塑料原料按信号的先后顺序依次不断地在原料区分别自动输送至各个区域的生产主机内，可连续（24 小时 / 天）实现供料自动化、作业无人化。

The centralized feeding system operates on the principle of pneumatic conveying. Adopting a centralized control system with an industrial programmable controller, it automatically transports plastic materials from the material storage area to each production machine in sequence according to signal priority. It enables fully automated, unmanned feeding operation continuously (24 hours a day).

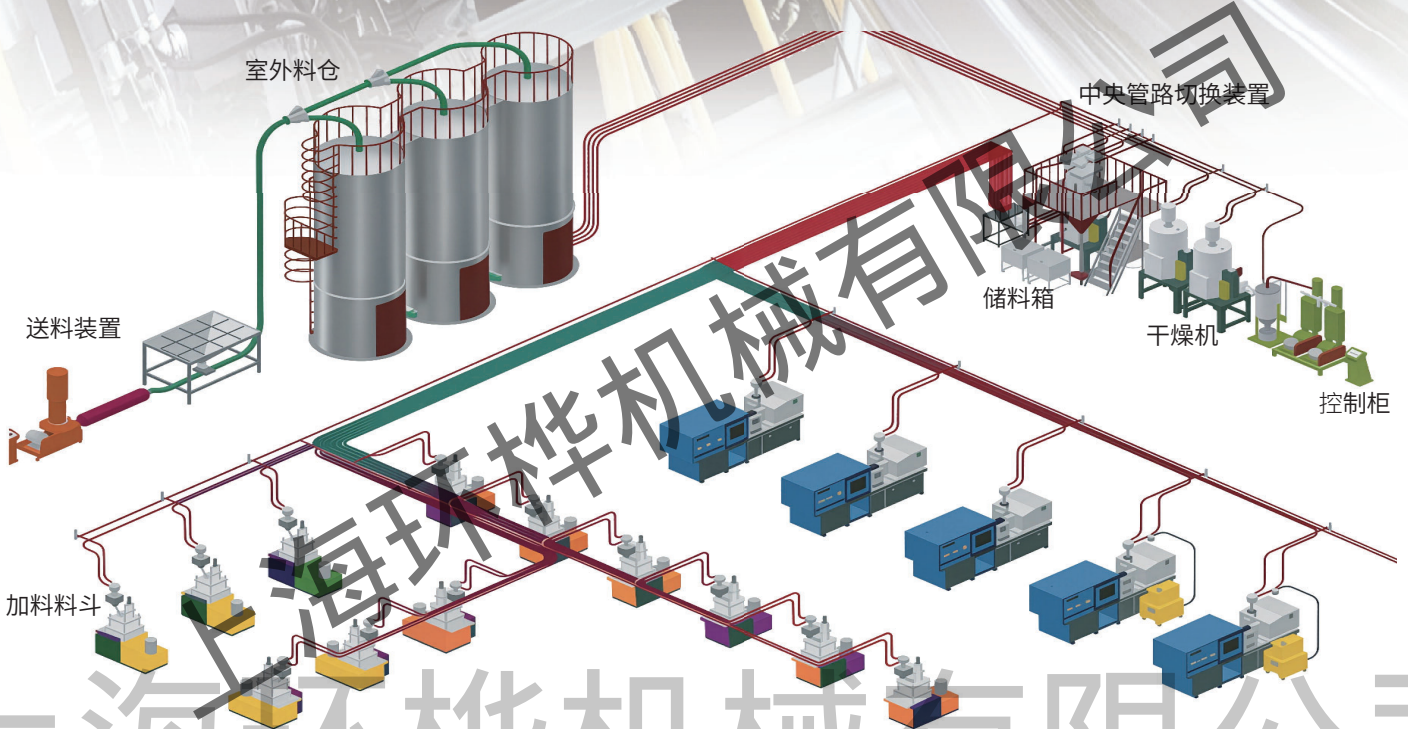
特点 集中供料系统

Features Centralized Material Handling System

- 可节约大量的人力，便于管理，便于控制
Greatly reduces labor demand and facilitates convenient management and control.
- 可以省场地，并使生产车间整齐划一，更为简洁
Saves space while keeping the production workshop neat, uniform and tidy.
- 供料全自动化作业，符合现代化的生产模式
Fully automated material feeding conforms to modern production standards.
- 降低噪音，大量减少粉末飞扬，为环境保护创造良好条件
Lowers noise and significantly reduces dust dispersion, creating a better environment.

主要形式 Main types

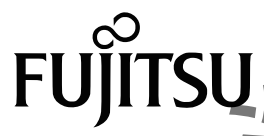
- ☑ 正压输送装置：较适合长距离输送，特殊物料输送（采用罗茨风机）
Positive-pressure conveying device: Suitable for long-distance conveying and special material conveying (equipped with Roots blower).
- ☑ 负压输送装置：较适合短距离输送，一般物料输送（采用气泵 / 罗茨风机）
Negative-pressure conveying device: Suitable for short-distance conveying and general material conveying (equipped with air pump / Roots blower).



为了使客户能更直观地了解集中供料系统，我们特地推出了展示系统（中附图）。该系统主要由真空风机组、PLC 操控系统、真空集料筒及阀门、管道及配件等及大部分组成。在操控面板上，各个工作区域各部分的运转、供料状态的显示一目了然，各部分的异常可实现声、光自动报警。系统的某个部分产生异常，也不会影响整个系统的正常工作。

To help customers gain a more intuitive understanding of the centralized feeding system, we have specially developed a demonstration system (see attached diagram). The system mainly consists of a vacuum blower unit, PLC control system, vacuum collection hopper, valves, pipes and fittings, etc. On the control panel, the operation of each section in each working area and the status of material feeding are clearly displayed. Any abnormality in the system will trigger an automatic audible and visual alarm. A fault in one part of the system will not affect the normal operation of the entire system.

我们的客户
Our client





质量为本，持续提供客户
性能可靠、质量稳定的设备



上海环桦机械有限公司

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