# 广东携成智能装备有限公司

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2026年3月--版

# 一站式工业冷热控温设备及
# 塑胶成型辅助设备及集成方案全球服务商

**Global Provider of One-stop Industrial Cold & Hot Temperature Control Equipment, Plastic Molding Auxiliary Equipment and Integrated Solutions**

## *数字化、智能化、节能环保*

*Digitalization, Intelligence, Energy Saving & Environmental Protection*





# COMPANY PROFILE
## 企业简介

广东携成智能装备有限公司2009年成立于中国广东省江门市，是一家高端精密工业冷热温度控制设备、塑胶成型周边自动化设备及塑胶成型工厂智能集成系统解决方案的提供商。公司荣获《专精特新中小企业》、《国家高新技术企业》、《创新型中小企业》，连续多年荣获江门市A级纳税人。携成XIECHENG已成长为行业内知名品牌，产品已远销海外超130个国家和地区，遍布亚洲、欧洲、澳洲、北美、南美、非洲及中东等。

携成拥有超15年的研发、制造经验，专业研发技术团队超过30人，生产制造团队超270人，携成先后与华南理工大学、江门五邑大学、江门技师学院等院校合作，联合成立产学研合作基地，协同创新研究中心，目前携成拥有授权发明专利、实用新型专利及软件著作权等已达50余项。

携成提供工业冷热温度控制解决方案、塑胶成型工厂整厂自动化规划设计及施工，整套塑胶成型辅助设备（工业高低温冷水机组、热泵机组系列、模温机系列、供料输送系列、破碎回收系列、除湿干燥系列及混合搅拌系列），全智能中央节能供料系统，变频节能恒压、恒温供水系统，智能节能供电系统，压铸控温系统，食品、化工、医疗、种植养殖控温系统等。

企业的战略定位：一站式工业冷热控温设备及塑胶成型辅助设备及集成方案全球服务商，愿景：立志于成为全球工业设备行业受欢迎的中国品牌，使命：用我们的产品让制造业提高生产效率、提升产品品质；提供平台帮助有梦想的员工实现梦想，核心价值观：诚信、真诚、创新、共赢，经营理念：携手共进，成就未来。

携成始终严格执行ISO9001标准流程和数字化管理，拥有智慧工业园区近40000平方米，拥有全套数控加工设备，自动化焊接生产线，表面处理生产线等，公司产品99%生产工序均自主完成，有效确保产品品质、生产周期及服务响应速度。

携成搭建了覆盖全球主要市场范围内的快速响应服务体系，以国内外50多个办事处、代理商为服务网点，不仅为用户在设备及系统运行方面提供优质服务，同时助力实现携成品牌本土化，沉淀品牌价值。

Guangdong Xiecheng Intelligent Equipment Co., Ltd. was established in Jiangmen, Guangdong , China in 2009. is a solution provider of High-end Precision Industrial Cold and Hot Temperature Control Equipment, Rubber and Plastic Molding Auxiliary Automation Equipment, and also Intelligent Integrated System. Rewarded as honorary title of specialization, refined, featured and innovative small and medium-sized enterprises, National high-tech enterprise, innovative small and medium-sized enterprises. Xiecheng has already grown as a well-known brand in plastic industry with products selling to over 130 countries and regions, all around Asia, Europe, Oceania, North and South America, Africa and Middle East, etc.

With more than 15 years of R&D and manufacturing experience, more than 30 staffs in professional technician R&D team, over 270 staffs in manufacturing center, Xiecheng also cooperate with universities and colleges to establish the Industry-College-Research Collaboration Base and Collaborative Innovation Research Center, also the in preparation Post-doctoral Research Station, including South China University of Technology (SCUT), Wuyi University, Jiangmen Technician Academy. So far Xiecheng has achieved more than 50 patents in inventions, utility model designs and software copyrights, etc.

Xiecheng provides industrial cold and hot temperature control solution, whole plan automation planning, design and construction for plastic molding factories, with full set of auxiliary equipment(Industrial High and Low Temperature Chillers and Heat Pump Series, Mold Temperature Control Series, Material Conveying Series, Granulating Recycling Series, Dehumidifying and Drying Series, Material Mixing Series), Fully Intelligent Central Energy-Saving Feeding System, Frequency Conversion Energy-Saving Constant Pressure and Constant Temperature Water Supply System, Intelligent Energy-Saving Power Supply System, Die Casting Temperature Control System, Food, Chemical Industry, Medical, Planting and Breeding Temperature Control Systems, etc.

Strategic Position of the enterprise: Global Provider of One-stop Industrial Cold & Hot Temperature Control Equipment, Plastic Molding Auxiliary Equipment and Integrated Solutions; Vision: Aiming on becoming the popular Chinese brand in global industrial equipment area; Mission: Use our products to improve manufacturing efficiency and product quality; Building a platform for staffs to realize their dreams; Core Values: Integrity, Sincerity, Innovation, Mutual Benefit. Management Concept: Work together to achieve the future.

With strictly implement of ISO9001 standard process and digital management in self-owned around 40,000 $m^2$ intelligent industrial area, Xiecheng possesses full series of CNC process equipment, auto welding line, surface processing line, etc., fulfilling 99% of progresses self-controlled to ensure product quality and lead time for customers.

With more than 50 domestic and overseas offices and agencies, Xiecheng has established a fast reacting system for global main markets not only to provide customers with reliable service on equipment and system running, but also to promote the brand values locally.

# 携成发展历程

# DEVELOPMENT HISTORY

## 2009

- 投资成立“江门市江海区携成机械有限公司”
- 公司“携成”品牌商标注册

- Jiangmen Jianghai Xiecheng Machinery Co., Ltd., The Company was founded;
- XIECHENG brand and trademark were registered.



## 2010

- 销售门市部扩大一倍
- 开始筹备生产工厂

- Scale of sales department got two times expanded;
- Preparations of the production factory Were undertaken.



## 2011

- 设立生产工厂，工业制冷系列、模具控温系列、自动上料系列开始投入研发、生产

- The factory was established with R&D and production Of Industrial Refrigeration Series,
- Mold Temperature Control Series, and Automatic Loader Series.



## 2012

- 开始自主创新之路
- 研发并投产干燥机系列、混色搅拌系列、投入钣金生产线
- 全系列产品外观、结构、配置全面升级
- 通过ISO9001质量管理体系认证 / 全系列产品获得欧盟CE认证
- 全系列产品完成品牌重塑，升级LOGO，开拓海外市场
- 升级为“江门市携成机械有限公司”

- Start a road of indigenous innovation
- Research and develop production of Dryer Series and Color Mixing Series got started with Sheet Metal Production Line put into use;
- Fully upgrade of all range of products on appearances, structures and configurations;
- Passed authentication of ISO9001 quality management system;Full series of products approved with CE certificates;
- Reforging the brand with full product series and upgraded logo, Overseas marketing got started;
- Company name changed into Jiangmen Xiecheng Machinery Co., Ltd.







## 2013

- 江门市江海区高新工业区新厂区投产使用
- 破碎回收系列、大型搅拌系列投入生产和江门五邑大学等多个名校达成校企合作，引进及培养人才
- 通过SGS质量管理体系 / 必维质量管理体系
- 成功参加第二十五届ChinaPlas展会
- 研发多款新产品，并申请十多项专利证书

- New factory in Jiangmen High-Tech Crushing and Recycling Series and Large Mixing Series joined into production;
- School-enterprise cooperation established with Wuyi University and multiple well-known academies For talents introducing and training;
- Passed Quality Management System Authentications of SGS and BV;
- Successfully participated the 25th Chinaplas exhibition;
- Many new products were released by R&D with More than 10 patents and certificates.



## 2014

- 荣获“国家级高新技术企业”
- 荣获多项发明专利、产品外观专利和实用新型技术专利
- 推出高端自动称重拌料机系列

- Awarded authentication as National High-Tech Enterprise;
- Won plenty of patents on invention, product appearances, And new practical technologies;
- High-end Automatic Gravimetric Blender Series was launched;



## 2015

- 设立美国加州分公司
- 破碎回收系列推出第二代新款欧盟标准前置爪刀、平刀系列
- 成功参加2015年广州Chinaplas、印度、泰国、越南、印尼、土耳其等多场国际行业展会

- Set up Branch Company in California, USA;
- Crushing and Recycling Series launched the new European standard pre-position blading with Claw Type Series and Flat Type Series;
- Successfully participated Chinaplas 2015 in Guangzhou And multiple International Plastic Shows in India, Thailand, Vietnam, Indonesia, Turkey, etc.



## 2016

- 加大研发投入推出第二代全新高端除湿干燥系列产品
- 工程研发团队突破20人

- R&D kept expanded with investment and 2nd Generation Brand New High-end Dehumidifying and Drying Series was launched;
- Department of Engineering and R&D exceeded 20 teammates.



## 2017

- 推出第三代除湿干燥系列、破碎回收系列、总线型中央供料系统
- 新增激光切割机、日本AMADA CNC折弯机、CNC钻铣机床等数控加工设备
- 成为江门市电子商务行业协会会长单位

- 3rd Generation of Dehumidifying Dryers Series, Granulating and Recycling Series and Bus type Central Conveying System were released;
- New processing equipment added including Laser Cutting, AMADA (Japan) CNC bending, CNC drilling and milling machines, etc.
- Became the President Unit of Jiangmen E-commerce Industry Association.



## 2018

- 新增生产车间5000平方正式投入生产
- 全面研发智能工厂集成方案，系列设备新增RS485网络连接端口

- New 5000m2 workshop was added in production;
- Comprehensively develop intelligent factory integration solutions for Injection Molding factories, adding RS485 network port to series of products.



## 2019

- 推出智能中央供气系统、智能中央节能供电系统
- 成功参加2019年度第八届中国创新创业大赛，并取得了成长组智能制造前三名

- R&D launched with project as Intelligent Central Air Supply Systems and Intelligent
- Central Energy-saving Power Supply Systems, and Awarded 3rd place in the 8th China Innovation And Entrepreneurship Competition 2019.



## 2020

- 成功举办公司10周年庆典活动
- 成功竞得江门市新会区工业开发用地20000平方
- 推出多款自动配料设备

- Successfully held the Ceremony of Xiecheng 10th Anniversary;
- Successfully bid 20000 square meters of industrial development land in Xinhui District, Jiangmen City
- Launched a number of automatic batching equipment



## 2021

- 江门市新会区厂区奠基动工
- 联手华南理工大学设立协同创新研究中心，增强产学联动海外销售突破105个国家及地区

- Foundation Laying for the New Factory in Xinhui District, Jiangmen City ;
- Joined with South China University of Technology to Establish Collaborative Innovation Research Center For better Industry-College-Research Collaborations. Export to more than 105 countries and regions



## 2022

- 江门市新会区近40000平方高标准厂区建成投产
- 荣获“2021辅机及自动化卓越影响力品牌”
- 荣获国家科技型中小企业荣誉称号
- 荣获广东省创新型中小企业荣誉称号
- 成功参加第二十二届德国杜塞尔多夫国际塑料橡胶工业博览会

- More than 40000 square meters of high-standard factory in Xinhui District, Jiangmen City was completed and put into operation
- Won the "2021 excellent influence brand of auxiliary machinery and automation"
- Awarded the honorary title of national technology-based small and medium-sized enterprises
- Won the honorary title of innovative small and medium-sized enterprises in Guangdong Province
- Successfully participated in the 22nd International Plastics and rubber industry expo（K show)） in Dusseldorf, Germany




## 2023

- 升级为广东携成智能装备有限公司
- 荣获专精特新中小企业荣誉称号

- Renamed as Guangdong Xiecheng Intelligent Equipment Co., Ltd.
- Won the honorary title of specialization, refined,featured and innovative small and medium-sized enterprises



## 2024

- 成功举办公司15周年庆典活动
- 设立惠州运营服务中心
- 荣获“2024年塑料辅机杰出影响力品牌”
- 推出多款自适应智能节能型除湿干燥系列产品
- 成立冷热控温事业部，推出工业热泵机组系列产品

- Successfully held the 15th Anniversary Celebration of the company
- Established the Huizhou Operation & Service Center
- Awarded “2024 Outstanding Influential Brand in Plastics Auxiliary Equipment”
- Launched multiple Adaptive Intelligent Energy-Saving Dehumidifying Dryer Series
- Established the Thermal Control Business Division, launching the Industrial Heat Pump Unit Series



## 2025

- 设立宁波运营服务中心；
- 推出高精度模温机（光学式）系列，并批量投产；
- 推出气悬浮冷水机组、自然冷却风冷冷水机、自适应智能节能型破碎机系列产品；

- Established the Ningbo Operation & Service Center
- Launched the High-Precision Mold Temperature Controller (Optical Type) Series and achieved mass production
- Introduced the Air-Bearing Chiller Series, Free Cooling Air-Cooled Chiller Series, and Adaptive Intelligent Energy-Saving Crusher Series

# COMPANY CULTURE
## 企业文化



十周年庆典现场合影 Ceremony of 10th Anniversary

携成精神，铸造携成人。
勇于开拓，不离不弃，
研发、制造、品质、市场，
点滴力量汇聚成今天的携成。
携成人的成长，
是携成精神大厦矗立大地的征程。

Xiecheng's Spirit and People
Courage to Explore and Never Give Up
R&D, Manufacture, Quality, Market
Built by Every Rock and Brisk
The Growth of Xiecheng People
The Foundation of Our Great Success

### 企业愿景 Company Vision:
**立志于成为全球工业设备行业受欢迎的中国品牌**
**Aiming on becoming the popular Chinese brand in global industrial equipment area.**

### 企业使命 Our Mission:
提供平台帮助员工实现梦想！推动行业进步，促进社会发展！
**Building a platform for XIECHENG's to realize our dreams.**
**Promote the development of both Industry and Society**

### 企业责任 Corporation Responsibility:
为客户创造价值，为员工搭建人生成功舞台，为社会做出应有的贡献
**Maximize customer's profit, Provide staff with successful career,**
**Make proper contributions to the society.**

### 企业精神 Our Spirit:
团队协作，勇于开拓，不离不弃，共创辉煌
**Focus on teamwork and collaboration**
**Brave in exploration and creativity**
**Never give up on any company personnel**
**Create the brilliant tomorrow together**

### 企业经营理念 Our Faith:
诚信、优质、创新、共赢
**Honesty, superior quality,**
**Innovation and win-win strategy**

## 企业荣誉
# COMPANY HONOR

携成始终坚持“用我们的产品让制造业提高生产效率，提升产品品质！”为立业之本，坚持“高端工业制冷设备、橡塑成型周边自动化设备及智能集成系统解决方案”为耕耘之基，坚持软硬实力两手抓的发展思路，诚信经营，发奋图强，积极探索，大胆创新，十年来，携成产品、服务及携成公司都载誉满满，获得了社会各界的一致好评。

Xiecheng consists her spirit to “Use Our Products to Improve Manufacturing Efficiency and Quality” and keeps her will to provide “High-end Industrial Refrigeration Equipment, Rubber and Plastic Moulding Auxiliary Automation Equipment, and also Intelligent Integrated System Solutions”. Xiecheng is always paying attention to both development of hard and soft power, operating in good faith, striving to be strong, actively exploring, and boldly innovating. In the past decade, both products and services have been praised popularly.
























































## 部分合作客户
# PARTS OF COOPERATIVE CLIENTS

（排名不分先后 In no particular order）

# R&D TECHNICAL TEAM
## 研发技术团队




携成始终坚持技术创新，研发技术团队成员大部分有行业内多年的从业经验，目前拥有专业研发技术团队30余人，占比公司总人数近10%，并与华南理工大学、五邑大学、江门技师学院等院校合作，联合成立产学研合作基地。公司每年研发费用投入占比公司总营收超过6%，超50项发明专利、实用新型专利及著作权。

XIECHENG always insists on technological innovation. Most of the members of the R&D technical team have many years of experience in the industry. At present, there are more than 30 professional R&D technical teams, accounting for nearly 10% of the total number of the company. And cooperate with South China Agricultural University, Wuyi University, Jiangmen Technician College and other institutions to jointly establish an industry-university-research cooperation base. The company's annual R&D investment accounts for more than 6% of the company's total revenue, and there are more than 50 invention patents, utility model patents and copyrights.

WORKSHOP SITE
SCENE 车间实景









## 车间实景
# WORKSHOP SITE SCENE













# INFLUENCE ON THE INDUSTRY
# 行业影响力

## 行业影响力
## Power In The Industry

携成深耕塑胶辅助设备行业15余年，已累计服务全球超130个国家和地区超10000家客户，市场份额持续上升，已成为行业内头部企业。

With over 15 years of deep expertise in the plastic auxiliary equipment industry, Xiecheng has served more than 10,000 clients across over 130 countries and regions worldwide. Our market share continues to grow, solidifying our position as a leading enterprise in the industry.

携成自主研发的节能产品、数字化系统、智能集成自动化系统等重新定义了塑胶辅助设备行业的未来。

Xiecheng's self-developed energy-saving products, digital systems, and intelligent integrated automation systems have redefined the future of the plastic auxiliary equipment industry.

携成致力于解决塑胶成型行业痛点的初心出发，我们始终以创新突破边界，节能技术让行业能耗减少30%以上，大大降低了碳排放，自动化方案让生产效率提升30%以上，让塑胶成型行业减少浪费30%以上。

Driven by our commitment to solving the pain points of the plastic molding industry, we consistently push boundaries through innovation. Our energy-saving technologies have reduced industry energy consumption by over 30%, significantly lowering carbon emissions. Additionally, our automation solutions have increased production efficiency by more than 30%, reducing waste in the plastic molding industry by over 30%.



员工大合影2026年2月
Employee Group Photo in Feb. 2026

## 携成产品已服务全球超130个国家及地区
## XIECHENG 's Products have served over 130 countries and regions around the world

### 国内市场 Domestic Market




### 国际市场 International Market

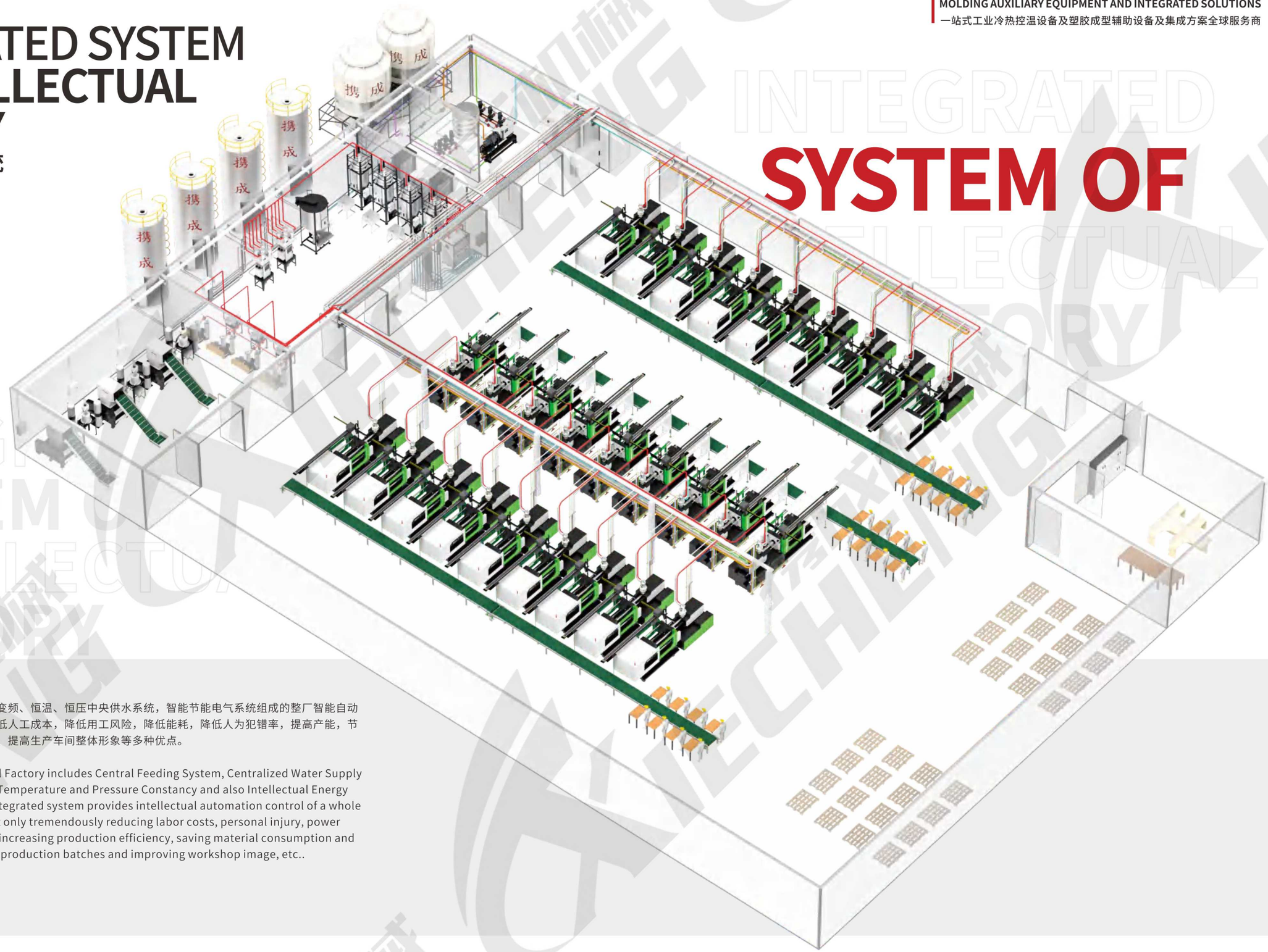


GLOBAL PROVIDER OF ONE-STOP INDUSTRIAL COLD & HOT TEMPERATURE CONTROL EQUIPMENT, PLASTIC MOLDING AUXILIARY EQUIPMENT AND INTEGRATED SOLUTIONS

一站式工业冷热控温设备及塑胶成型辅助设备及集成方案全球服务商

# INTEGRATED SYSTEM OF INTELLECTUAL FACTORY

## 智能工厂集成系统

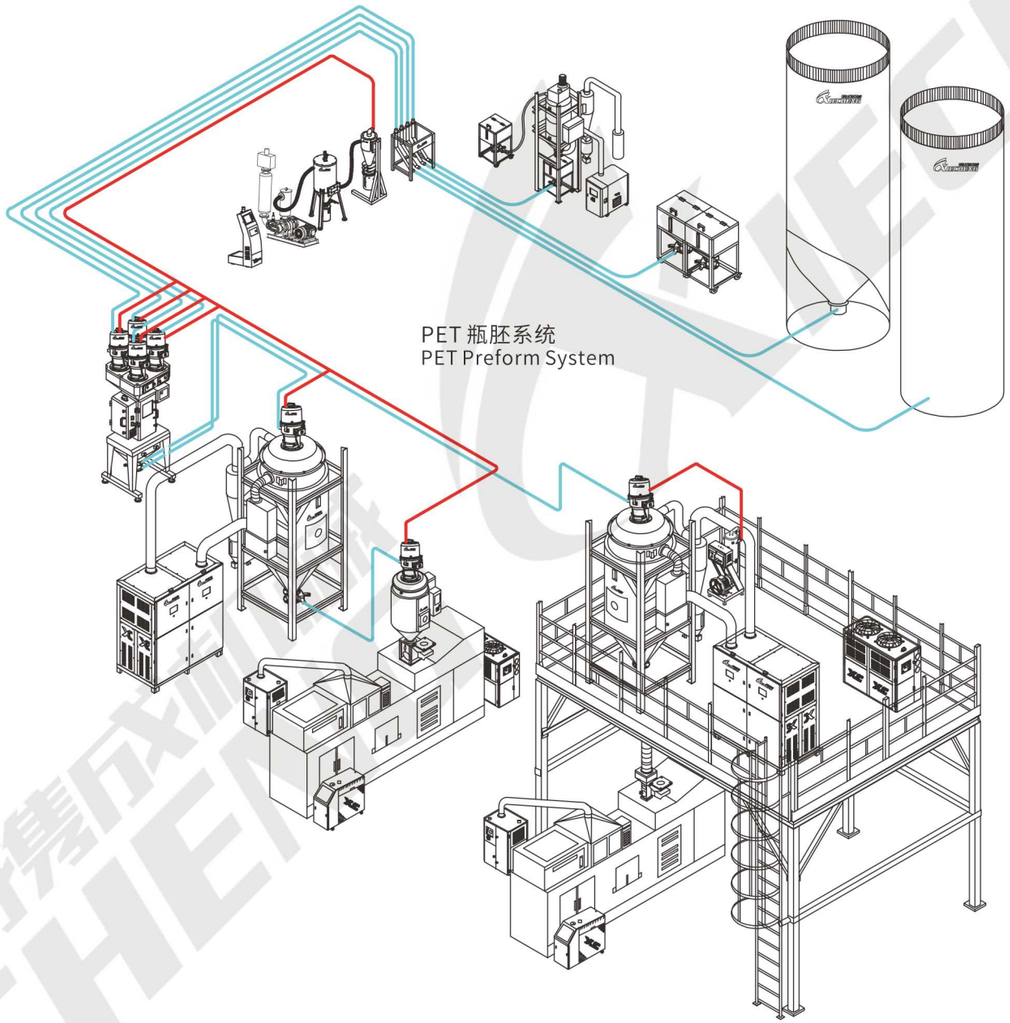



智能工厂集成系统由：中央供料系统，变频、恒温、恒压中央供水系统，智能节能电气系统组成的整厂智能自动化控制系统，整套集成系统可以大大降低人工成本，降低用工风险，降低能耗，降低人为犯错率，提高产能，节约用料量，节约空间，批次产品可追溯，提高生产车间整体形象等多种优点。

The Integrated System of Intellectual Factory includes Central Feeding System, Centralized Water Supply System with Frequency Conversion, Temperature and Pressure Constancy and also Intellectual Energy Saving Electric System. The whole integrated system provides intellectual automation control of a whole factory with multiple advantages not only tremendously reducing labor costs, personal injury, power consumption, human error rate, but increasing production efficiency, saving material consumption and space taken, enabling traceability of production batches and improving workshop image, etc..

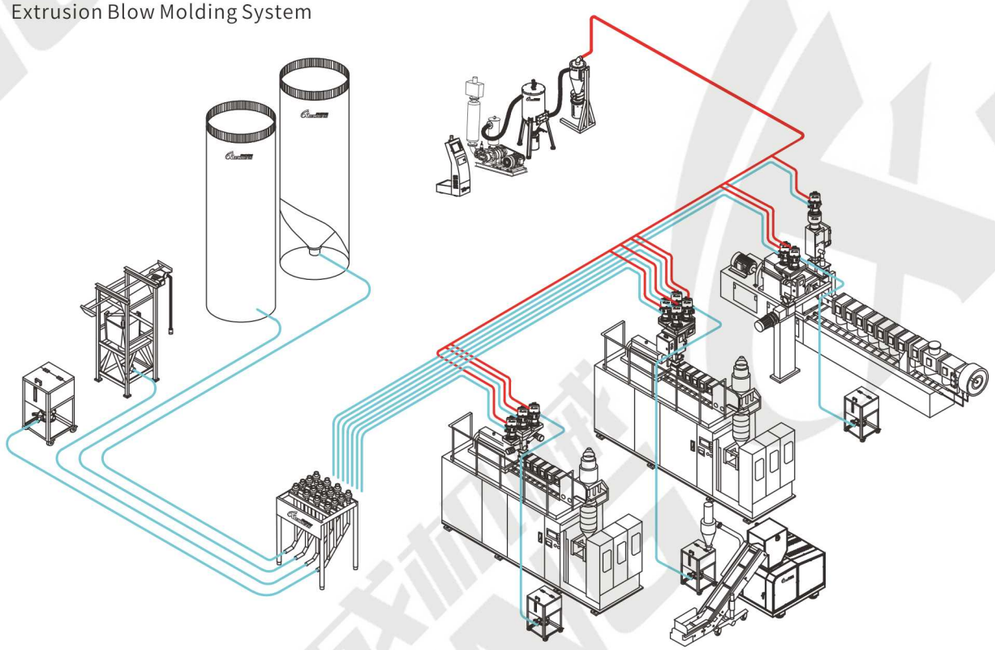
# GLOBAL PROVIDER OF ONE-STOP INDUSTRIAL COLD & HOT TEMPERATURE CONTROL EQUIPMENT, PLASTIC MOLDING AUXILIARY EQUIPMENT AND INTEGRATED SOLUTIONS

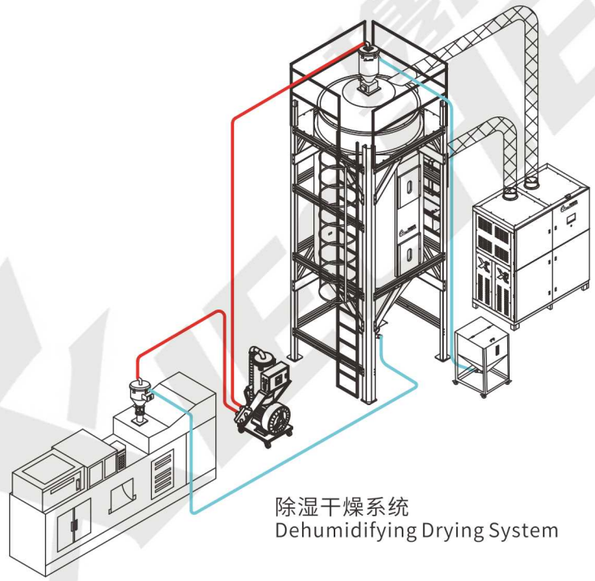
# 一站式工业冷热控温设备及塑胶成型辅助设备及集成方案全球服务商



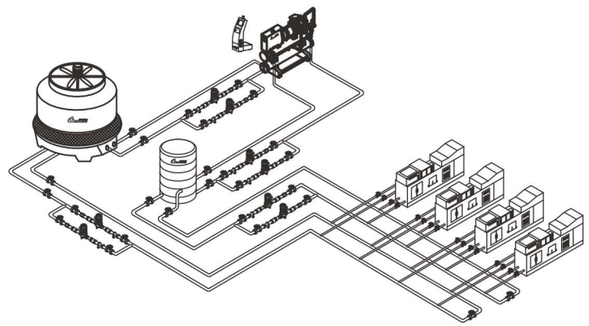
PET 瓶胚系统
PET Preform System

挤出吹瓶系统
Extrusion Blow Molding System





除湿干燥系统
Dehumidifying Drying System



中央冷水系统
Cental Cooling System

# CUSTOMER APPLICATIONS
## 客户应用案例

### 智能节能水电气系统方案 | Intelligent Energy-saving Water, Electricity And Gas System Scheme



恒温、恒压变频控制柜
Constant Temperature And Constant Voltage Frequency Conversion Control Cabinet



施工团队
Construction Team



闭式冷却塔
Closed Cooling Tower



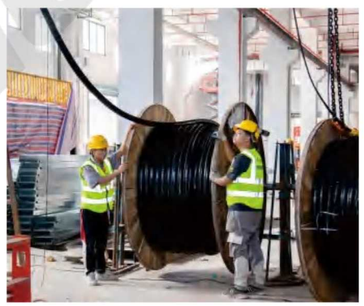
中央供水主管道案例
Central Water Supply Main Pipeline Case



中央控制冷水系统
Central Control Chiller System



现场焊接
Field Welding



主电缆施工
Main Cable Construction



主控制电柜
Main Control Cabinet

### 中央供料系统案例 | Central Feeding System Case



车间案例
Workshop Case



原料称重配料系统平台
Material Weighing And Batching System Platform



中央供料原料房
Central material supply room



中央供料原料房
Central material supply room



中央气泵站
Central Air Pump Station



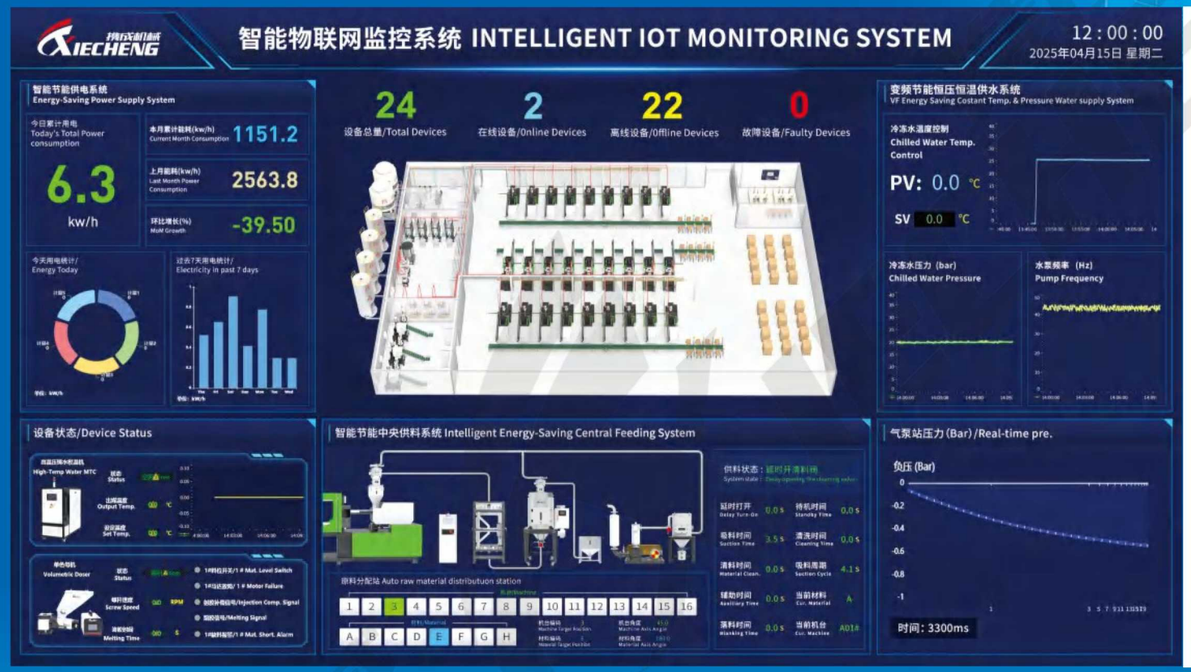
机器人自动拆包
Robot Automatic Unpacking

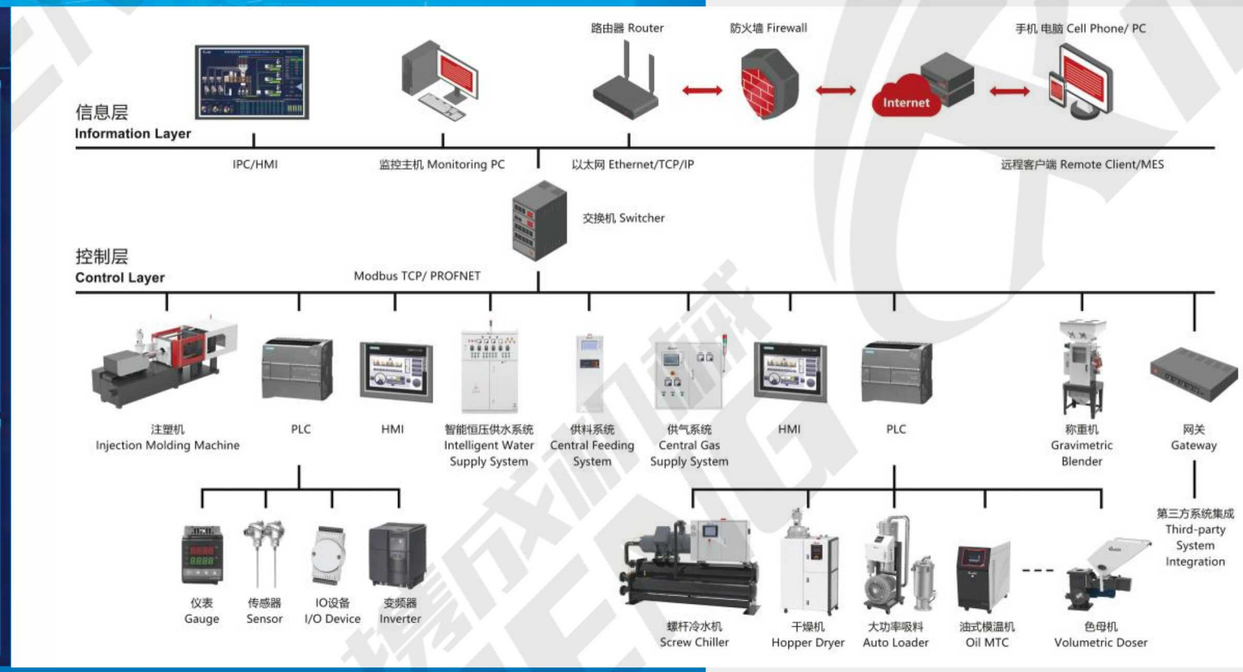
# INTELLIGENT IOT MONITORING MANAGEMENT SYSTEM

## 智能物联网监控管理系统

**智能化、数字化、自动化**

***INTELLIGENCE , DIGITALIZATION , AUTOMATION***




智能物联网监控系统，可集成橡塑成型工厂中所有设备，包括输送、干燥、计量、存储、冷却、控温等辅助设备以及各大品牌塑料成型机和系统。该系统采用Modbus通讯网络结构，通过以太网连接和专用模块控制，实时采集和远程监控橡塑成型过程中的工艺参数和各辅助设备的状态。实现橡塑成型生产过程的智能化、数字化、可视化!

The intelligent IoT monitoring system can integrate all equipment in rubber and plastic molding factories, including conveying, drying, metering, storage, cooling, temperature control, and other auxiliary equipment, as well as plastic molding machines and systems of major brands. The system adopts the Modbus communication network structure, and through Ethernet connection and dedicated module control, it can real-time collect and remotely monitor the process parameters of rubber and plastic molding and the status of various auxiliary equipment, realizing the intelligence, digitization, and visualization of the rubber and plastic molding production process!

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自然冷却环保风冷冷水机 Eco-Friendly Free Cooling Air Cooled Chiller
环保风冷式冷风机 Eco-Friendly Industrial Air-Cooling Chamber
涡旋式环保风冷热泵机组 Eco-Friendly Scroll Type Air Cooled Heat Pump Unit
低温环保型冷水机 Eco-Friendly Low Temperature Chiller
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Standard Oil Temperature Controller
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高温水式模温机 High Temp. High Pressure Water Mtc
高温油式模温机 High Temperature Oil Mtc
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压铸油式模温机 Die Casting Oil Mtc

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自适应智能节能破碎机控制系统
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Self-Adaptive Intelligent Energy-Saving All-In-One Compact Dryer
除湿干燥送料组合“All-In-One”Compact Dryer
欧化热风干燥送料组合 Euro Drying Loader
除湿干燥组合 2 In 1 Honeycomb Dehumidifier
蜂巢转轮式除湿机 Honeycomb Dehumidifier
蜂巢转轮式模具除露机 Mold Dehumidifier
欧化干燥机 Euro-Hopper Dryer
节能干燥智能控制电箱 Energy-Saving Drying Intelligent Control Electric Box
自适应智能节能干燥机 Self-Adaptive Intelligent Energy-Saving Hopper Dryer
高效节能型干燥机 High Efficient Energy Saving Hopper Dryer
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计量式比例混合机 Volumetric Ratio Mixer
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立式混色机 Vertical Color Mixer
立式搅拌机 Vertical Blender

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Feeding & Conveying Series
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欧化吸料机/欧化光电吸料机
Euro-Auto Loader
Euro- Photoelectric Auto Loader
独立式吸料机 Standard Self-Contained Hopper Loader
分体式吸料机 Standard Separate- Vacuum Hopper Loader
大功率吸料机 Separate-Vacuum Hopper Loader
一机多斗型吸料机 Multi-Station Hopper Loader
吸粉机 Powder Auto Loader
强制下料斗 Forced Lowering Hopper
太空包下料站 Container Bag Discharge Station
正压输送系统 Positive Pressure Conveying System
中央式吸料系统 Centralized Feeding System
自动原料分配站 Auto Raw Material Distribution Station
中央供料系统 Centralized Feeding System
组装式方形料仓 Assembled Square Silo
小型方形储料箱 Small Square Material Storage Tank
大型圆形储料桶 Large Round Storage Silo
小型圆形储料箱 Small Round Material Storage Tank

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Cooling Tower Series
逆流式闭式冷却塔 Counterflow Closed Cooling Tower
横流式低噪音方形冷却塔
Cross Flow Type Low Noise Square Cooling Tower
圆形冷却塔 Round type cooling tower
管道泵 Pipeline Pump

**97** 其他辅助机械、配件系列
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比例混合器/分流控制器 Proportional Valve / Flow Controller

# 环保型水冷式/风冷式冷水机

## ECO-FRIENDLY WATER/AIR COOLED CHILLER

工业冷水机广泛用于塑胶，新能源电池，电子制造，电镀，医药，化工，超声波冷却，印刷等工业生产。它能精确控制现代工业机械化生产所要求的温度，从而大大的提高了生产效率及产品质量。操作简便，设计合理、品质卓越、其规格有上百种，是现代化工业生产不可缺少的良伴。工业冷水机应用于塑料加工机械成型模具冷却，能够大大提高塑料制品表面光洁度，减少塑料制品表面纹痕和内应力，使产品不缩水、变形，便于塑料制品的脱模、加速产品定型、从而极大地提高塑料成型机的生产效率。

Industrial chillers are widely used in plastics, new energy batteries, electronics manufacturing, electroplating, pharmaceutical and chemical, ultrasonic cooling, printing and other industrial productions. It can precisely control the temperature required for modern industrial manufacturing and largely improve efficiency and product quality. It is the best choice for modern industries with simple operation, reasonable design and superior quality and over one hundred different models. It is to provide a cooling process in plastic molding, to improve quality of molded products and shorten period of injection molding cycles. Hence maximizes productivity of plastic molding manufacturing.

### 特点:

◎制冷剂采用R410a环保型冷媒，制冷效果好；
◎采用世界知名品牌压缩机和高效壳管式/翅片式冷凝器、壳管式蒸发器组合、超强制冷、宁静省电；
◎液晶显示微电脑控制器，同时显示冷水出口和设备设定温度，操作简便，能精确控制水温 3°C到50°C以内；
◎具有电流过载保护、高低压压力保护系统及电子时间延迟等完善的安全保护装置、异常直观显示系统；
◎有单压缩机、双压缩机、三压缩机、四压缩机组合，独立系统，能源效率高；
◎电器部分均为国际知名品牌电器，保证机器运行稳定；
◎采用#304不锈钢保温水箱及保温管道系统，使用寿命长，保障水质纯净，清洗维护方便；
◎选配通讯功能，实现自动化远程管理。

### FEATURE:

◎Default Refrigerant as Environmental R410a with high cooling efficiency;
◎With the combination of famous brand compressors, high-efficiency shell and tube condensers/finned condensers, and shell and tube evaporators, providing excellent cooling, quiet operation, and low electricity consumption;
◎Microcomputer LCD chiller controller, simultaneously displays the cold water outlet and the set temperature, easy to operate with accuracy of controlling water temperature within 3°C to 50°C;
◎Current overload protection, high and low pressure protection system and electronic time delay, and an abnormal visual display system;
◎Optional for compressor combinations as single, dual, triple, and quadruple solutions, with an independent system for high energy efficiency. The electrical parts are all international famous brand electrical appliances, to ensure stable operation of the machine;
◎Adopt #304 stainless steel insulation tank and insulation piping system, long service life, to protect the water quality pure, easy to clean and maintain;
◎Optional for communication function to realize automatic remote management.



XC-L5W



XC-LF5A

## 技术参数 SPECIFICATIONS

| 型号Model | | Unit | XC-LF2A | XC-LF3A | XC-L5W / XC-LF5A | XC-L10W / XC-LF10A | XC-L15W / XC-LF15A | XC-L20W / XC-LF20A | XC-L25W / XC-LF25A | XC-L30W / XC-LF30A | XC-L40W / XC-LF40A | XC-L50W / XC-LF50A | XC-L60W / XC-LF60A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 水冷制冷量/Cooling capacity(water) | | Kw | 6.25 | 10.5 | 16 | 32.1 | 51.7 | 66.3 | 81.2 | 108 | 131 | 162.4 | 191.9 |
| | | Kcal/h | 5375 | 9030 | 13760 | 27606 | 44462 | 57018 | 69832 | 92880 | 112660 | 139664 | 165034 |
| 风冷制冷量/Cooling capacity(air) | | Kw | 6.2 | 8.6 | 14.9 | 29.3 | 46.5 | 62 | 74.1 | 92.7 | 122.3 | 147.3 | 176.8 |
| | | Kcal/h | 5332 | 7396 | 12814 | 25284 | 39990 | 53320 | 63726 | 79722 | 105178 | 126678 | 152048 |
| 压缩机 Compressor | 输入功率/Input Power | Kw | 1.77 | 2.8 | 3.7 | 7.5 | 11.25 | 15 | 18.8 | 22.5 | 30 | 37.6 | 44 |
| | 额定功率/Rated Power | Hp | 2 | 3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 |
| 电源Power | | 1PH-220V/50HZ | | | 3PH-380V/50HZ | | | | | | | | |
| 蒸发器 Evaporator | 类型/Type | 水箱盘管式Water tank with copper coil | | | 壳管式 Shell And Tube | | | | | | | | |
| | 水管口径/Pipe Diameter | inch | 1" | 1" | 1" | 2" | 2.5" | 2.5" | 3" | 3" | 4" | 4" | 4" |
| 制冷剂 Refrigerant | 类型/Type | R410a(可选 Optional R32/R134a) | | | | | | | | | | | |
| | 水冷填充量 Water Cooled Quantity | KG | - | - | 1.75 | 3.5 | 5.25 | 7 | 8.75 | 10.5 | 14 | 17.5 | 21 |
| | 风冷填充量 Air Cooled Quantity | KG | 1 | 1.5 | 2.5 | 5 | 7.5 | 10 | 12.5 | 15 | 20 | 25 | 30 |
| 水冷冷凝器 Wateer cooled condenser | 类型/Type | 壳管式冷凝器 (Shell and Tube Condenser) | | | | | | | | | | | |
| | 水管口径/Pipe Diameter | inch | 3/4 | 1" | 1" | 1.5" | 2" | 2" | 2.5" | 2.5" | 3" | 3" | 3" |
| 冷却水量/Cooling Water Flow | | $M^3/h$ | 0.908 | 1.36 | 2.22 | 4.42 | 7.1 | 8.84 | 10.06 | 13.6 | 17.75 | 21.9 | 25 |
| 风冷冷凝器 Air cooled condenser | 类型/Type | 高效紫铜管套铝翅片式+低噪音外转子风机 Finned Copper Tube + Low Noise Outer Rotor Fan | | | | | | | | | | | |
| | 风机功率/Fan Power | W | 135×1 | 190×1 | 190×2 | 420×2 | 800×2 | 420×3 | 800×3 | 850×3 | 1100*3 | 1400*3 | 1100*4 |
| 水箱容量/Water Tank Capacity | | Liter | 25 | 40 | 45 | 80 | 100 | 150 | 210 | 210 | 380 | 400 | 500 |
| 水泵Pump | 功率/Power | KW | 0.37 | 0.37 | 0.75 | 1.5 | 2.2 | 2.2 | 3 | 3 | 3 | 3 | 4 |
| | | HP | 0.5 | 0.5 | 1 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 5.5 |
| | 扬程Distance | m | 15 | 15 | 25 | 17 | 19 | 19 | 16 | 16 | 16 | 16 | 18 |
| | 流量/Flow Rate | L/min | 80 | 80 | 110 | 300 | 700 | 700 | 800 | 800 | 800 | 800 | 800 |
| 安全保护 Safety Protection | | 压缩机过热保护，过流保护，高低压保护，超温保护，流量保护，相序/缺相保护，排气过热保护，防冻保护 High And Low Pressure Protection, Overload Protection, Over Temperature Protection, Phase Sequence Protection, etc. | | | | | | | | | | | |
| 外形尺寸 Dimensions(L*W*H) | 水冷/Water Cooled | mm | 845*605*1130 | 1150*680*990 | 1320*690*1380 | 1570*750*1380 | 1930*880*1650 | | 2100*1000*1730 | 2240*1150*1840 | | 2350*1250*2000 | |
| | 风冷/Air Cooled | mm | 850*605*1110 | 1010*670*1130 | 1350*720*1310 | 1600*900*1550 | 1950*1040*1655 | 2250*1050*1855 | 2660*1150*1970 | | 3060*1350*2100 | 3360*1500*2300 | 4100*1600*2210 |
| 运行重量 Operating weight | 水冷/Water Cooled | KG | — | 130 | 150 | 350 | 730 | 800 | 900 | 1150 | 1200 | 1250 | 1500 |
| | 风冷/Air Cooled | KG | 73 | 100 | 175 | 450 | 750 | 835 | 920 | 1080 | 1125 | 1380 | 1670 |

备注：1、制冷量是依据：冷冻水进出水温度15°C/10°C、冷却水进出水温度30°C/35°C
2、工作范围：冷冻水温度范围：5°C至50°C；冷冻水进出水温差：3°C至8°C
冷却水温度范围：18°C至37°C；冷却水进出水温差：3.5°C至10°C
3、机器电压可按客户要求特殊定制。

Note: 1.Cooling Capacity is calculated based on : inlet/outlet chilled fluid temperature:15°C/10°C,inlet/outlet cooling water temperature :30°C/35°C.
2. Working condition:Chilled fluid temperature : from 5°C to 50°C. Inlet/outlet chilled fluid Temperature difference: from 3°C to 8°C.
Cooling water temperature: from 18°C to 37°C,Inlet/outlet cooling water Temperature difference: from 3.5°C to 10°C.
3. Special orders of machine voltage can be acceptable according to customers's request.

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





# 环保冷热两用控温机

## ECO-FRIENDY COLD AND HOT TEMPERATURE CONTROLLER

携成冷热两用控温机可根据生产所需提供冷却循环水或提供热水，同一组水路升、降温采用两套独立系统，一键操作，设定所需温度，微电脑控制器根据实际工况自动选择升温或者降温，将温度恒定在设定温度±2°C之间；

Xiecheng hot and cold temperature controller can provide cooling circulating water or hot water according to production needs. The same group of water circuits use two independent systems for heating and cooling. One-button operation sets the required temperature. The microcomputer controller automatically selects heating or cooling according to the actual working conditions, and keeps the temperature constant between the set temperature ±2°C;

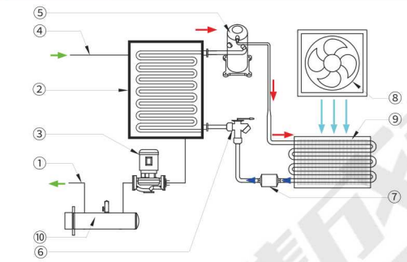
### 特点:

◎制冷剂采用R410a环保型冷媒，制冷效果好；
◎采用世界知名品牌压缩机，高效节能；
◎加热系统采用电加热，加热速度快；
◎电气部分均选用国际知名品牌电器；
◎具有电流过载保护、高低压压力保护系统、超温保护及电子时间延迟等完善的安全保护装置、异常直观显示系统；
◎选配通讯功能，实现自动化远程管理。

### FEATURE:

◎The refrigerant uses R410a environmentally friendly refrigerant with good cooling effect;
◎It uses world-renowned brand compressors, which are efficient and energy-saving;
◎The heating system uses electric heating, which has a fast heating speed;
◎The electrical parts are all made of internationally renowned brand electrical appliances;
◎It has complete safety protection devices such as current overload protection, high and low pressure protection system, over-temperature protection and electronic time delay, and an abnormal intuitive display system;
◎Optional communication function to achieve automatic remote management.

### 工作原理 WORKING PRINCIPLE



① 出水口 Water outlet
② 水箱 Water tank
③ 水泵 Pump
④ 入水口 Water inlet
⑤ 压缩机 Compressor
⑥ 节流阀 Throttle valve
⑦ 过滤器 Filter
⑧ 风扇 Fan
⑨ 冷凝器 Condenser
⑩ 发热桶 Heating barrel



XC-L5WH



XC-LF5AH

## 技术参数 SPECIFICATIONS

| 型号/Model | | Unit | XC-LF5AH / XC-L5WH | XC-LF10AH / XC-L10WH | XC-LF15AH / XC-L15WH | XC-LF20AH / XC-L20WH | XC-LF25AH / XC-L25WH | XC-LF30AH / XC-L30WH |
|---|---|---|---|---|---|---|---|---|
| 风冷制冷量/Cooling capacity | | Kw | 14.9 | 29.4 | 46.5 | 62 | 74.1 | 92.7 |
| | | Kcal/h | 12814 | 25284 | 39990 | 53320 | 63726 | 79722 |
| 水冷制冷量/Cooling capacity | | Kw | 16 | 32.1 | 51.7 | 66.3 | 81.2 | 108 |
| | | Kcal/h | 13760 | 27606 | 44462 | 57018 | 69832 | 92880 |
| 压缩机 Compressor | 输入功率/Input Power | Kw | 3.7 | 7.5 | 11.25 | 15 | 18.8 | 22.5 |
| | 额定功率/Rated Power | Hp | 5 | 10 | 15 | 20 | 25 | 30 |
| 电源Power | | 3PH-380V/50HZ | | | | | | |
| 蒸发器 Evaporator | 类型/Type | 壳管式shell and tube type | | | | | | |
| | 水管口径/Pipe Diameter | inch | 1" | 2" | 2" | 2.5" | 3" | 3" |
| 制冷剂 Refrigerant | 类型/Type | R410a(可选 Optional R32/R134a) | | | | | | |
| | 控制方式Control Method | (毛细管) 外平衡式热力膨胀阀 (capillary) expansion valve | | | | | | |
| 水冷冷凝器 Water cooled condenser | 类型/Type | 壳管式冷凝器/Shell condenser | | | | | | |
| | 水管口径/Pipe diameter | inch | 1" | 1.5" | 2" | 2" | 2.5" | 2.5" |
| 冷却水量/Cooling Water Flow | | $m^3/h$ | 0.908 | 2.22 | 3.95 | 4.42 | 7.1 | 8.84 |
| 风冷冷凝器 Condenser | 类型/Type | 高效紫铜管套铝翅片式+低噪音外转子风机 Finned Copper Tube +Low Noise Outer Rotor Fan | | | | | | |
| | 风机功率/Fan Power | Inch | 190×2 | 420×2 | 800×2 | 420×3 | 800×3 | 850×3 |
| 水箱容量/Water Tank Capacity | | Liter | 45 | 80 | 100 | 150 | 210 | 210 |
| 水泵Pump | 功率/Power | Kw | 0.75 | 1.5 | 2.2 | 2.2 | 4 | 4 |
| | | HP | 1 | 2 | 3 | 3 | 5 | 5 |
| | 扬程/Distance | m | 25 | 17 | 19 | 19 | 16 | 16 |
| | 流量/Flow Rate | L/min | 110 | 360 | 650 | 650 | 700 | 700 |
| 加热装置Heating Device | 功率/Power | kw | 9 | 12 | 18 | 24 | 36 | 36 |
| 安全保护 Safety Protection | | 压缩机过热保护，过流保护，高低压保护，超温保护，流量保护，相序/缺相保护，排气过热保护，防冻保护 Compressor overheating protection, overcurrent protection, high and low pressure protection, overtemperature protection, flow protection, phase sequence/phase loss protection, exhaust overheating protection, antifreeze protection | | | | | | |
| 外形尺寸 Dimensions(L*W*H) | 水冷/Water cooled | mm | 1150*680*990 | 1320*690*1380 | 1570*750*1380 | 1930*880*1650 | | 2100*1000*1730 |
| | 风冷/Air cooled | | 1350*720*1310 | 1600*900*1550 | 1950*1040*1655 | 2250*1050*1855 | 2660*1150*1970 | |

备注：1、制冷量是依据：冷冻水进出水温度12°C/7°C、冷却进出风温度30°C/40°C
2、工作范围：循环水温度范围：5°C至80°C；进出水温差3°C至8°C
在环境温度不高于35°C环境下使用。
3、机器电压可按客户要求特殊定制。

Note: 1.Nominal cooling capacity calculated according to :Inlet/outlet chilled fluid temperature: 12°C/7°C, Inlet/outlet cooling air temperature: 30°C/40°C.
2.Working condition:The temperature range circulating water is from 5°C to 80°C Temperature difference between inlet and outlet chilled fluid is from 3°C to 8°C.
It is better to run the chiller while the ambient temperature at or below 35°C.
3.Special orders of machine voltage can be acceptable according to customers's request.

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

# 自然冷却环保风冷冷水机

## ECO-FRIENDLY FREE COOLING AIR COOLED CHILLER

自然冷却风冷冷水机组是一种高效节能的制冷设备，该系列产品集成自然冷却功能，提供标准制冷、混合制冷和自然冷却三种智能运行模式，能够根据环境温度和负荷需求自动切换运行模式，充分利用过渡季节或低温季节室外免费空气冷源，减少压缩机机械制冷的运行时间，大大降低能源消耗，机组全年运行能效比EER可达12.0以上。适用于需要全年运行的工业制冷应用。

The Free Cooling Air-Cooled Chiller is a highly energy-efficient refrigeration device. This series integrates free cooling technology and offers three intelligent operation modes: mechanical cooling, mixed cooling, and free cooling. It automatically switches modes based on ambient temperature and load demand, maximizing the use of free outdoor cold air during transitional seasons or low-temperature periods to reduce compressor runtime, thereby significantly lowering energy consumption. The unit achieves an annual Energy Efficiency Ratio (EER) exceeding 12.0, making it ideal for industrial cooling applications requiring year-round operation.



XC-LF20AFC

### 特点：

◎制冷剂采用R410a环保型冷媒，制冷效果好；
◎采用自然冷却换热器，在自然冷却模式下，利用外界冷空气降低冷却水温；
◎配备智能控制系统，能够实时监测环境温度、机组运行状态、负荷需求，并自动切换运行模式，可全年最大限度地提高效率；
◎采用世界知名品牌压缩机和翅片式冷凝器、壳管式蒸发器组合、超强制冷、宁静省电；
◎液晶显示微电脑控制器，同时显示冷水出口和设备设定温度，操作简便，能精确控制水温 3℃到50℃以内；
◎具有电流过载保护、高低压压力保护系统及电子时间延迟等完善的安全保护装置、异常直观显示系统；
◎有双压缩机、三压缩机、四压缩机组合，独立系统，能源效率高；
◎选配通讯功能，实现自动化远程管理。

### FEATURE:

◎With R410a environmentally friendly refrigerant and good cooling effect;
◎With natural cooling heat exchanger, in the free cooling mode, the unit uses the outside cold air to reduce the cooling water temperature;
◎Equipped with an intelligent control system, can monitor ambient temperature, unit operating status, load demand in real time, and automatically switch operating modes to maximize efficiency throughout the year;
◎With the combination of famous brand compressors, high-efficiency shell and tube condensers/finned condensers, and shell and tube evaporators, providing excellent cooling, quiet operation, and low electricity consumption;
◎Microcomputer LCD chiller controller simultaneously displays the chilled water outlet and the set temperature, making it easy to operate and accurately control the water temperature within 3°C to 50°C;
◎Optional combinations of double compressors, triple compressors, and quadruple compressors, with an independent system for high energy efficiency;
◎Optional for communication function to realize automatic remote management.

### 技术参数 SPECIFICATIONS

| 型号/Model | | Unit | XC-LF10AFC | XC-LF20AFC | XC-LF30AFC | XC-LF40AFC | XC-LF50AFC | XC-LF60AFC |
|---|---|---|---|---|---|---|---|---|
| 风冷制冷量 Cooling capacity | | kw | 29.3 | 62 | 92.7 | 122.3 | 147.3 | 176.8 |
| | | Kcal/h | 25284 | 53320 | 79722 | 105178 | 126678 | 152048 |
| 压缩机 Compressor | 输入功率 Input power | kw | 7.5 | 15 | 22.5 | 30 | 37.6 | 44 |
| | 额定功率 Rated power | Hp | 10 | 20 | 30 | 40 | 50 | 60 |
| 电源power | | | 3PH-380V/50HZ | | | | | |
| 蒸发器 Evaporator | 类型 Type | | 壳管式 Shell and tube | | | | | |
| | 水管口径 Pipe diameter | Inch | 1.5” | 2” | 2.5” | | 3” | |
| 制冷剂 Refrigerant | 类型 Type | | R410a(可选 Optional R32/R134a) | | | | | |
| | 填充量 Quantity | Kg | 6 | 12 | 18 | 24 | 30 | 36 |
| 风冷冷凝器 Air cooledcondenser | 类型 Type | | 高效紫铜管套铝翅片式+低噪音外转子风机 Finned copper tube +low noise outer rotor fan | | | | | |
| | 风机功率 Fan power | W | 420×3 | 1100×2 | 1400×2 | | 1400×2 | |
| 水箱容量 Water tank capacity | | Liter | 210 | | 380 | | 500 | |
| 水泵 Pump | 功率 Power | Kw | 3 | 4 | 5.5 | | 7.5 | |
| | | Hp | 4 | 5.5 | 7.5 | | 10 | |
| | 扬程 Distance | m | 30 | | | | | |
| | 流量 Flow rate | L/min | 300 | 416 | 700 | | 833 | |
| 安全保护 Safety protection | | | 压缩机过热保护，过流保护，高低压保护，超温保护，流量保护，相序/缺相保护，排气过热保护，防冻保护 High and low pressure protection,overload protection,overtemperature protection,phase sequence protection,etc. | | | | | |
| 外形尺寸Dimensions(L*W*H) | 风冷 Air cooled | mm | 2180*1040*1850 | 2200*1250*1980 | 2600*1250*2200 | 3000*1500*2200 | 3200*1600*2200 | 3500*1700*2200 |
| 运行重量 Weight | | Kg | 450 | 835 | 1080 | 1125 | 1380 | 1670 |

备注：1、制冷量是依据：冷冻水进出水温度15℃/10℃、冷却水进出水温度30℃/35℃
2、工作范围：冷冻水温度范围：5℃至50℃；冷冻水进出水温差：3℃至8℃
冷却水温度范围：18℃至37℃；冷却水进出水温差：3.5℃至10℃
3、机器电压可按客户要求特殊定制。

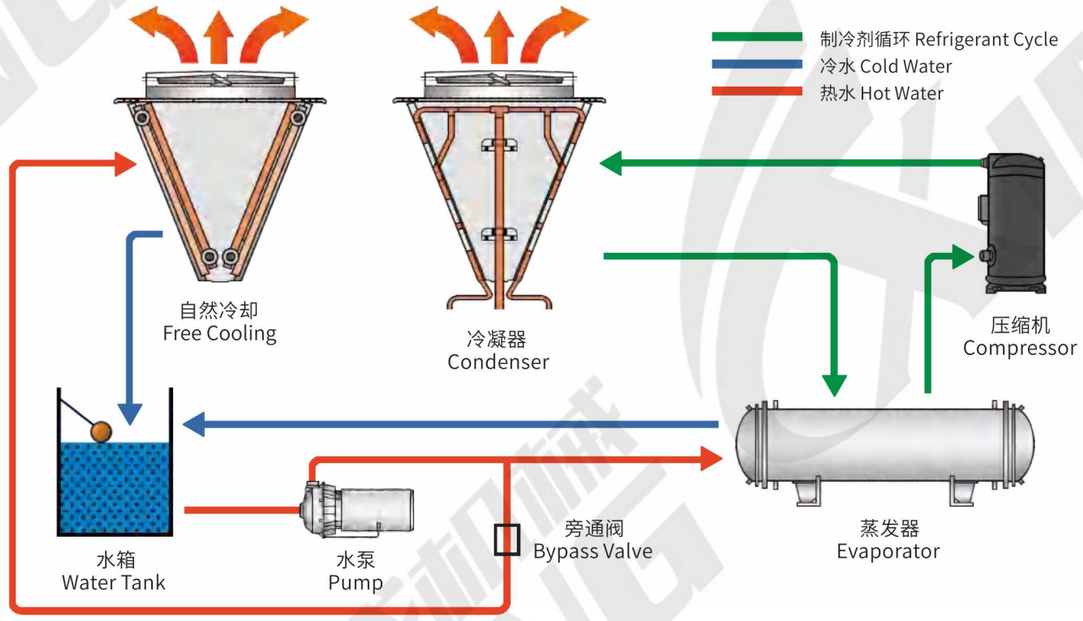
Note: 1.Cooling Capacity is calculated based on : inlet/outlet chilled fluid temperature:15°C/10°C,inlet/outlet cooling water temperature: 30°C/35°C.
2. Working condition:Chilled fluid temperature : from 5°C to 50°C. Inlet/outlet chilled fluid Temperature difference: from 3°C to 8°C.
Cooling water temperature: from 18°C to 37°C,Inlet/outlet cooling water Temperature difference: from 3.5°C to 10°C.
3.Special orders of machine voltage can be acceptable according to customers's request.

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





### 原理示意图 WORKING PRINCIPLE DIAGRAM




### 工作原理

自然冷却风冷冷水机组结合了标准制冷、混合制冷和自然冷却三种模式，根据环境温度和负荷需求自动切换。

**标准制冷模式：**
当环境温度较高或负荷较大时，机组通过压缩机和冷媒系统进行机械制冷。冷媒在蒸发器中吸收热量，热量通过风冷冷凝器排放到外界空气中，冷却水流通过蒸发器后流向负载设备，带走热量。

**混合制冷模式：**
当环境温度介于设定温度和自然冷却温度之间（低于设定温度5-10°C之间），机组通过压缩机和冷媒系统进行机械制冷，同时旁通阀打开，自然冷却系统启动，双冷却系统同时运行制冷。

**自然冷却模式：**
当环境温度低于一定阈值（低于设定温度10°C以下）时，机组关闭压缩机，旁通阀打开，直接通过外部低温空气进行换热冷却，达到冷却效果。

### WORKING PRINCIPLE

The free cooling air-cooled chiller combines three modes: standard cooling, mixed cooling, and free cooling. It automatically switches between these modes based on ambient temperature and load demand.

**Standard Cooling Mode:**
When the ambient temperature is high or the load is large, the unit performs mechanical cooling through the compressor and refrigerant system.
The refrigerant absorbs heat in the evaporator, and the heat is dissipated into the outside air through the air-cooled condenser. The cooled water flows through the evaporator and then to the load equipment, carrying away the heat.

**Mixed Cooling Mode:**
When the ambient temperature is between the set temperature and the free cooling temperature (5-10°C lower than the set temperature), the unit performs mechanical cooling through the compressor and refrigerant system. At the same time, the bypass valve opens, and the natural cooling system starts. Both cooling systems operate simultaneously for cooling.

**Free Cooling Mode:**
When the ambient temperature is below a certain threshold (more than 10°C lower than the set temperature), the unit shuts down the compressor, the bypass valve opens, and it directly uses the outside low-temperature air for heat exchange cooling to achieve the cooling effect.

# 环保风冷式冷风机
## ECO-FRIENDLY INDUSTRIAL AIR-COOLING CHAMBER

工业冷风机为吹膜挤出机或其他工业生产过程中提供冷风，与传统的冷水机组加换热器系统相比，借助于制冷剂的直接膨胀来冷却空气可以提高能效。
Industrial air cooling chamber is used for supplying cooled air for blown filming extrusion or other industrial productions. Compared with the traditional chiller adding heat exchanger system, cooling the air by direct expansion of refrigerant could save more energy.

### 特点：

◎制冷剂采用R410a环保型冷媒，制冷效果好；
◎全新知名品牌压缩机和高效翅片式冷凝器、蒸发器组合、超强制冷、宁静省电；
◎微电脑全功能控制，液晶显示冷风出口温度和设定温度，操作简便、直观，能精确控制出风温度5℃至30℃之间；
◎入风口设计过滤网装置，方便维护清理；
◎配备自动除霜功能，有效降低能耗；
◎具有电流过载保护、高低压压力保护系统及电子时间延迟等完善的安全保护装置、异常直观显示系统；
◎选配通讯功能，实现自动化远程管理。

### FEATURE:

◎The refrigerant uses R410a environmentally friendly refrigerant with good refrigeration effect;
◎First hand well-known brand compressor, high-efficiency finned condenser and evaporator combination, strong cooling capacity, quiet and power saving;
◎Microcomputer full-function control, LCD display with present and set temperatures of the cool air, intuitive and easy to operate, accurately controlling the outlet air from 5 ~30°C;
◎Air inlet designed with filter device, convenient for maintenance and cleaning;
◎Equipped with automatic defrost function, effectively reducing energy consumption;
◎With sufficient safety devices including current overload protection, high and low pressure protector system, electronic time delay, and also visual system on failure display.
◎Optional for communication function for remote automation management.



XC-LF5AF

### 技术参数 SPECIFICATIONS

| 型号Model | | XC-LF5AF | XC-LF10AF | XC-LF15AF | XC-LF20AF | XC-LF25AF | XC-LF30AF |
|---|---|---|---|---|---|---|---|
| 马力Motor | Unit | 5 | 10 | 15 | 20 | 25 | 30 |
| 制冷量 Cooling Capacity | Kcal/h | 12900 | 26660 | 38700 | 52460 | 58480 | 79120 |
| | Kw | 15 | 31 | 45 | 61 | 68 | 92 |
| 出风温控℃ Temperature Of Air Outlet Control | | 8-15℃ | | | | | |
| 电源 Input Power | | 3PH-380V/50HZ | | | | | |
| 压缩机功率Compressor Power | Kw | 3.7 | 7.5 | 11.25 | 15 | 18.8 | 22.5 |
| 制冷剂 Refrigerant | | R410a(可选 Optional R32/R134a) | | | | | |
| 冷凝器Condenser | 类型Type | 风冷式air cooled type(加厚波纹开窗式铝翅片套紫铜管)(Thick corrugated window-type aluminum fins covered with copper tubes) | | | | | |
| 风量 Air Flow 选配 Optional | $m^3$/hr | 2100 | 3000 | 4800 | 4800 | 6000 | 6000 |
| 风机功率 Fan Power 选配 Optional | Kw | 2.2 | 3.75 | 11 | 11 | 15 | 15 |
| 风管管径 Air Connection Pipe Diameter | Inch | 10" | 10" | 12" | 12" | 12" | 12" |
| 蒸发器 Evaporator | 类型Type | 紫铜外套波纹开窗式铝箔翅片，出风温度更低Copper tube jacket corrugated open window aluminum foilfin radiator, outlet temperature will be lower | | | | | |
| 外型尺寸 Dimension | D mm | 1350 | 1600 | | 2250 | 2660 | |
| | W mm | 770 | 950 | | 1100 | 1210 | |
| | H mm | 1310 | 1550 | | 1855 | 1970 | |
| 保护控制装置 Protection Control Device | | 延时保护、防冻保护、冷媒高低保护、过流保护、相序/缺相保护、过载保护<br>Delay protection, antifreeze protection, refrigerant high and low protection, overcurrent protection, phase sequence/phase loss protection, overload protection | | | | | |
| 备注:风机为选配件，10HP以上冷风风机外置。Remark: Blower is optional part ,over 10HP model ,external blower | | | | | | | |

备注：1、名义制冷量基于蒸发温度15℃，相对湿度40%下环境气温40℃
2、冷风机要求冷凝器侧吸入洁净空气及顶部排放热空气。
3、机器电压可按客户要求特殊定制。

Note: 1.Nominal cooling capacity is based on evaporating temperature 15°C and ambient air temperature 40°C with 40% R.H.
2.Air cooled air chiller require fresh air suction on condenser side and hot air exhaust from the top of the ACA chiller
3.Special orders of machine voltage can be acceptable according to customers's request.

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





# 涡旋式环保风冷热泵机组
## ECO-FRIENDLY SCROLL TYPE AIR COOLED HEAT PUMP UNIT

涡旋式风冷热泵机组采用高效全封闭涡旋压缩机，高效壳管式换热器和盘管式换热器，使用R134a制冷剂。能效等级可达2级，热水出水温度可达75°C以上，制热量范围25kw~666kw。广泛应用于各类中小型工商业场所及农业种植养殖和工业生产所需热水。

The scroll-type air-cooled heat pump unit adopts a high-efficiency fully enclosed scroll compressor, a high-efficiency shell-and-tube heat exchanger, and a coil heat exchanger, using R134a refrigerants. The energy efficiency rating can reach Grade II, with hot water outlet temperatures higher than 75°C. The heating capacity ranges from 25kW to 666kW, widely covering applications in various small and medium-sized commercial and in dustrial sites that require hot water for industrial production.

### 特点：

◎涡旋式风冷热泵机组采用世界知名全封闭涡旋压缩机，运行稳定，噪音低，经久耐用；
◎采用自主研发的高效壳管换热器，整机能效达到 II 级。
◎流量装置采用知名品牌热力膨胀阀；
◎涡旋式风冷热泵机组可选微电脑控制、PLC控制；可扩展网络功能，提供远程监控及售后服务；
◎采用外转子风扇，运转平稳，噪音低，效率高。

### FEATURE:

◎The scroll-type air-cooled heat pump unit uses a world-renowned fully enclosed scroll compressor, ensuring stable operation, low noise, and durability;
◎With independently developed high-efficiency shell and tube heat exchanger, the whole unit reaches Grade II Energy Efficiency Rating;
◎The flow device uses a well-known brand thermal expansion valve;
◎The scroll-type air-cooled heat pump unit can be controlled via microcomputer or PLC control, with optional network capabilities for remote monitoring and after-sales service;
◎It uses an external rotor fan for smooth operation, low noise, and high efficiency.



XC-HPU30



控制器
Controller

### 技术参数 SPECIFICATIONS

| 型号Model | | XC-HPU20 | XC-HPU25 | XC-HPU30 | XC-HPU40 | XC-HPU50 | XC-HPU60 | XC-HPU80 | XC-HPU100 |
|---|---|---|---|---|---|---|---|---|---|
| 风冷制热量 Heating Capacity(KW) | | 77 | 93 | 115 | 152 | 184 | 221 | 297 | 405 |
| 压缩机 Compressor | 输入功率 Input Power(KW) | 15 | 19 | 22 | 30 | 37 | 45 | 60 | 75 |
| | 额定功率 Rated Power(HP) | 20 | 25 | 30 | 40 | 50 | 60 | 80 | 100 |
| 电源 Power | | 3PH-380V/50HZ | | | | | | | |
| 蒸发器 Evaporator | | 高效紫铜管套铝翅片式+低噪音外转子风机 Finned copper tube +low noise outer rotor fan | | | | | | | |
| 制冷剂 Refrigerant | 类型 Type | R134a | | | | | | | |
| | 填充量 Quantity(kg) | 12 | 15 | 18 | 24 | 30 | 36 | 48 | 60 |
| 换热器 Condenser | 类型 Type | 壳管式换热器 Shell and tube condenser | | | | | | | |
| | 水管口径 Pipe Diameter(Inch) | 2" | 2" | 2.5" | 2.5" | 3" | 4" | 4" | 4" |
| 安全保护 Safety Protection | | 压缩机过热保护、过流保护、高低压保护、超温保护、流量保护、相序/缺相保护、排气过热保护、防冻保护<br>High and Low Pressure Protection, Overload Protection,Overtemperature Protection, Phase Sequence Protection,etc. | | | | | | | |
| 外形尺寸 Dimensions(LxWxH) | | 2250x1200x2150 | | | 3060x1350x2100 | 3300x1500x2300 | 3900x1500x2300 | 2600x2300x1980 | 4620x2200x2200 |
| 运行重量 Operating weight(kg) | | 750 | 850 | 1000 | 1200 | 1250 | 1500 | 2000 | 2500 |

备注: 机器电压可按客户要求特殊定制。 Special orders of machine voltage can be acceptable according to customers's request.

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

# 低温环保型冷水机
## ECO-FRIENDLY LOW TEMPERATURE CHILLER

### 特点：

◎机组压缩机选用世界知名品牌中低温型压缩机;
◎使用冷媒如R410a、R32、R22等，可满足各种制冷温度和环保要求;
◎温度选择范围：可提供 -5℃～-30℃之间工艺冷冻水（用户根据不同的生产需要，选择不同出水温度的机组规格）;
◎根据用户的需求，可选用多种载冷剂（冷冻水）：乙二醇水溶液、酒精、三元混合溶液等醇类载冷剂，也可将蒸发器按防腐要求设计，采用氯化钙水溶液;
◎按24小时不停机运行设计，可满足各类连续性生产工艺用冷源;
◎配备各类安全保护装置，性能稳定、噪音低、使用寿命长、操作简单。



XC-L5WL

### FEATURE:

◎Adopted world class famous compressor for low-temperature refrigeration;
◎Various refrigerant, such as R410a、R32、R22 etc., can meet different refrigeration temperatures or environmental protection requirements;
◎Options for temperature range: chilled water between -5℃ ~ -30℃ (depending on production needs to adopt different system configurations);
◎According to demand, a variety of cooling media (chilled water) are optional: ethylene glycol aqueous solution, alcohol, alcohol carrier such as ternary mixed solution. The evaporator can also be re-designed based on anti-corrosion requirements and adopt calcium chloride aqueous solution;
◎Designed for 24 hours non-stop working condition to provide continuous cold source for all kinds of production processes;
◎Equipped with various safety devices, providing stable performance with low noise and long life.



XC-LF5AL

### 低温水冷式冷水机技术参数(T=-10℃)　LOW TEMPERATURE WATER CHILLER SPECIFICATIONS(T=-10℃)

| 型号/Model | | Unit | XC-L5WL | XC-L10WL | XC-L15WL | XC-L20WL | XC-L25WL | XC-L30WL | XC-L40WL |
|---|---|---|---|---|---|---|---|---|---|
| 制冷量/Cooling Capacity | | Kw | 7.7 | 16.1 | 23.3 | 32.2 | 38.2 | 46.6 | 62.5 |
| | | Kcal/h | 6622 | 13846 | 20038 | 27692 | 32852 | 40076 | 53750 |
| 压缩机 Compressor | 输入功率/Input Power | Kw | 3.7 | 7.5 | 11.25 | 15 | 18.8 | 22.5 | 30 |
| | 额定功率/Rated Power | Hp | 5 | 10 | 15 | 20 | 25 | 30 | 40 |
| | 类型/Type | 全封闭涡旋式(活塞式)Hermetic Scroll (Piston Type) | | | | | | | |
| 输入总功率 Total Input Power | | Kw | 4.5 | 8.6 | 12.8 | 17.2 | 21 | 26.5 | 34 |
| 电源 Power | | 3PH-380V/50HZ | | | | | | | |
| 蒸发器 Evaporator | 类型/Type | 壳管式/不锈钢板换Shell And Tube/Plate Heat Exchanger | | | | | | | |
| | 冷冻水量Chilled Fluid Flow | $m^3/h$ | 1.33 | 2.7 | 4 | 5.56 | 6.57 | 8.01 | 10.75 |
| | 进出水管径/Pipe Diameter | Inch | 1" | 2" | 2.5" | 2.5" | 3" | 3" | 4" |
| 制冷剂 Refrigerant | 类型/Type | R410a(可选 Optional R32/R22) | | | | | | | |
| | 控制方式Control Method | 外平衡式热力膨胀阀Expansion Valve | | | | | | | |
| 冷凝器 Condenser | 类型/Type | 壳管式冷凝器/Shell Condenser | | | | | | | |
| | 水管口径/Pipe Diameter | Inch | 1" | 1.5" | 2" | 2" | 2.5" | 2.5" | 3" |
| 水泵Pump | 功率/Power | Kw | 0.75 | 1.5 | 2.2 | 2.2 | 3 | 3 | 3 |
| | | Hp | 1 | 2 | 3 | 3 | 4 | 4 | 4 |
| | 扬程Distance | m | 25 | 17 | 19 | 19 | 16 | 16 | 16 |
| 安全保护 Safety Protection | | 压缩机过热保护，过流保护，高低压保护，超温保护，流量保护，相序/缺相保护，排气过热保护，防冻保护<br>High and Low Pressure Protection, Overload Protection, Over Temperature Protection, Phase Sequence Protection, etc. | | | | | | | |
| 外形尺寸Dimensions(L*W*H) | | mm | 1150*680*990 | 1320*690*1380 | 1570*750*1380 | 1930*880*1650 | | 2100*1000*1730 | 2240*1150*1840 |
| 运行重量Weight | | Kg | 209 | 319 | 475 | 633 | 754 | 897 | 1200 |

备注：1、制冷量是依据：冷冻水进出水温度-5℃/-10℃、冷却进出水温度25℃/30℃
2、工作范围：冷冻水温度范围：-10℃至10℃；冷冻水进出水温差3℃至8℃
冷却水温度范围：18℃至35℃；冷却水进出水温差3.5℃至10℃
保留更改上述参数或尺寸而不另行通知的权利。
3、机器电压可按客户要求特殊定制。

Note: 1.Cooling Capacity is calculated based on: inlet/outlet chilled fluid temperature:-5℃/-10℃,inlet/outlet cooling water temperature:25℃/30℃.
2. Working condition:Chilled fluid temperature : from -5℃ to 10℃. Inlet/outlet chilled fluid Temperature difference: from 3℃ to 8℃.
Cooling water temperature: from 18℃ to 35℃. Inlet/outlet cooling water Temperature difference: from 3.5℃ to 10℃.
We reserve the right to modify above information without prior notice.
3. Special orders of machine voltage can be acceptable according to customers's request.

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





### 低温水冷式冷水机技术参数(T=-25℃)　LOW TEMPERATURE WATER CHILLER SPECIFICATIONS(T=-25℃)

| 型号/Model | | Unit | XC-L5WL | XC-L10WL | XC-L15WL | XC-L20WL | XC-L25WL | XC-L30WL | XC-L40WL |
|---|---|---|---|---|---|---|---|---|---|
| 制冷量/Cooling Capacity | | Kw | 2.67 | 7.66 | 8.26 | 13.32 | 16.71 | 19.63 | 24.8 |
| | | Kcal/h | 2295 | 6586 | 7102 | 11452 | 14367 | 16877 | 21323 |
| 压缩机 Compressor | 输入功率/Input Power | Kw | 3.7 | 7.5 | 11.25 | 15 | 18.8 | 22.5 | 30 |
| | 额定功率/Rated Power | Hp | 5 | 10 | 15 | 20 | 25 | 30 | 40 |
| | 类型/Type | 全封闭涡旋式(活塞式)Hermetic Scroll (Piston Type) | | | | | | | |
| 输入总功率Total Input Power | | Kw | 4.5 | 8.6 | 12.8 | 17.2 | 21 | 26.5 | 34 |
| 电源Power | | 3PH-380V/50HZ | | | | | | | |
| 蒸发器 Evaporator | 类型/Type | 壳管式/不锈钢板换Shell and tube/Plate Heat Exchanger | | | | | | | |
| | 冷冻水量Chilled Fluid Flow | $m^3/h$ | 1.29 | 3.7 | 3.99 | 6.44 | 8.07 | 9.49 | 11.98 |
| | 水管口径/Pipe diameter | Inch | 1" | 2" | 2.5" | 2.5" | 3" | 3" | 4" |
| 制冷剂 Refrigerant | 类型/Type | R22 | | | | | | | |
| | 控制方式Control Method | 外平衡式热力膨胀阀Expansion Valve | | | | | | | |
| 冷凝器 Condenser | 类型/Type | 壳管式冷凝器/Shell condenser | | | | | | | |
| | 水管口径/Pipe Diameter | Inch | 1" | 1.5" | 2" | 2" | 2.5" | 2.5" | 3" |
| 水泵Pump | 功率/Power | Kw | 0.75 | 1.5 | 2.2 | 2.2 | 4 | 4 | 5.5 |
| | | Hp | 1 | 2 | 3 | 3 | 5 | 5 | 7.5 |
| | 扬程Distance | m | 25 | 17 | 19 | 19 | 16 | 16 | 16 |
| 安全保护 Safety Protection | | 压缩机过热保护，过流保护，高低压保护，超温保护，流量保护，相序/缺相保护，排气过热保护，防冻保护 Compressor overheating protection, overcurrent protection, high and low pressure protection, overtemperature protection, flow protection, phase sequence/phase loss protection, exhaust overheating protection, antifreeze protection | | | | | | | |
| 外形尺寸Dimensions(L*W*H) | | mm | 1150*680*990 | 1320*690*1380 | 1570*750*1380 | 1930*880*1650 | | 2100*1000*1730 | 2240*1150*1840 |
| 运行重量Operating Weight | | Kg | 209 | 319 | 475 | 633 | 754 | 897 | 1200 |

备注：1、制冷量是依据：冷冻水进出水温度-20℃/-25℃、冷却进出水温度25℃/30℃
2、工作范围：冷冻水温度范围：-25℃～-5℃；冷冻水进出水温差3℃～8℃
冷却水温度范围：18℃至35℃。进出水温差3.5℃～10℃
3、机器电压可按客户要求特殊定制。
保留更改上述参数或尺寸而不另行通知的权利。

Note:1.Cooling Capacity is calculated based on : inlet/outlet chilled fluid temperature:-20℃/-25℃,inlet/outlet cooling water temperature :25℃/30℃.
2. Working condition:Chilled fluid temperature: from -25℃ to -5℃. Inlet/outlet chilled fluid Temperature difference: from 3℃ to 8℃.
Cooling water temperature: from 18℃ to 35℃. Inlet/outlet cooling water Temperature difference: from 3.5℃ to 10℃.
3.Special orders of machine voltage can be acceptable according to customers's request.
We reserve the right to modify above information without prior notice.

### 低温风冷式冷水机技术参数(T=-10℃)　LOW TEMPERATURE AIR COOLED CHILLER SPECIFICATIONS(T=-10℃)

| 型号/Model | | Unit | XC-LF5AL | XC-LF10AL | XC-LF15AL | XC-LF20AL | XC-LF25AL | XC-LF30AL | XC-LF40AL |
|---|---|---|---|---|---|---|---|---|---|
| 制冷量/Cooling Capacity | | Kw | 4.68 | 10.98 | 16.47 | 21.96 | 23.4 | 27.2 | 34.2 |
| | | Kcal/h | 4023 | 9440 | 14160 | 18881 | 20119 | 23369 | 29405 |
| 压缩机 Compressor | 输入功率/Input Power | Kw | 3.7 | 7.5 | 11.25 | 15 | 18.8 | 22.25 | 30 |
| | 额定功率/Rated Power | Hp | 5 | 10 | 15 | 20 | 25 | 30 | 40 |
| | 类型/Type | 全封闭涡旋式(活塞式)Hermetic Scroll (Piston Type) | | | | | | | |
| 输入总功率Total Input Power | | Kw | 4.86 | 9.4 | 13.47 | 18.8 | 22.55 | 28.5 | 36 |
| 电源Power | | 3PH-380V/50HZ | | | | | | | |
| 蒸发器 Evaporator | 类型/Type | 壳管式/不锈钢板换Shell and tube/Plate Heat Exchanger | | | | | | | |
| | 冷冻水量Chilled Fluid Flow | $m^3/h$ | 2.26 | 5.3 | 7.96 | 10.6 | 11.3 | 13.13 | 16.53 |
| | 水管口径/Pipe diameter | Inch | 1" | 2" | 2.5" | 2.5" | 3" | 3" | 4" |
| 制冷剂 Refrigerant | 类型/Type | R410a(可选 Optional R32/R22) | | | | | | | |
| | 控制方式Control Method | 外平衡式热力膨胀阀Expansion Valve | | | | | | | |
| 冷凝器 Condenser | 类型/Type | 高效紫铜管套铝翅片式+低噪音外转子风机Finned copper tube +low noise outer rotor fan | | | | | | | |
| 水泵Pump | 功率/Power | Kw | 0.75 | 1.5 | 2.2 | 2.2 | 4 | 4 | 5.5 |
| | | Hp | 1 | 2 | 3 | 3 | 5 | 5 | 7.5 |
| | 扬程Distance | m | 25 | 17 | 19 | 19 | 16 | 16 | 16 |
| 安全保护 Safety Protection | | 缩机过热保护，过流保护，高低压保护，超温保护，流量保护，相序/缺相保护，排气过热保护，防冻保护 Compressor overheating protection, overcurrent protection, high and low pressure protection, overtemperature protection, flow protection, phase sequence/phase loss protection, exhaust overheating protection, antifreeze protection | | | | | | | |
| 外形尺寸Dimensions(L*W*H) | | mm | 1350*720*1310 | 1600*890*1550 | 1950*1040*1655 | 2250*1040*1855 | | 2660*1150*1970 | 3060*1350*2100 |
| 运行重量Operating Weight | | Kg | 227 | 429 | 559 | 835 | 900 | 1080 | 1125 |

备注：1、制冷量是依据：冷冻水进出水温度-5℃/-10℃、冷却进出水温度30℃/38℃
2、工作范围：冷冻水温度范围：-10℃至10℃；冷冻水进出水温差3℃至8℃
在环境温度不高于35℃环境下使用。
3、机器电压可按客户要求特殊定制。
保留更改上述参数或尺寸而不另行通知的权利。

Note: 1.Nominal cooling capacity calculated according to: Inlet/outlet chilled fluid temperature:-5℃/-10℃, Inlet/outlet cooling air temperature :30℃/38℃.
2.Working condition:The temperature range of chilled fluid is from -10℃ to 10℃. Temperature difference between inlet and outlet chilled fluid is from 3℃ to 8℃.
It is better to run the chiller while the ambient temperature at or below 35℃.
3.Special orders of machine voltage can be acceptable according to customers's request.
We reserve the right to modify the above information without further notice.

### 低温风冷式冷水机技术参数(T=-25℃)　LOW TEMPERATURE AIR COOLED CHILLER SPECIFICATIONS(T=-25℃)

| 型号/Model | | Unit | XC-LF5AL | XC-LF10AL | XC-LF15AL | XC-LF20AL | XC-LF25AL | XC-LF30AL | XC-LF40AL |
|---|---|---|---|---|---|---|---|---|---|
| 制冷量/Cooling Capacity | | Kw | 1.84 | 5.4 | 6 | 10 | 12.3 | 14.46 | 18.45 |
| | | Kcal/h | 1584 | 4651 | 5184 | 8628 | 10570 | 12435 | 15863 |
| 压缩机 Compressor | 输入功率/Input Power | Kw | 3.7 | 7.5 | 11.25 | 15 | 18.8 | 22.25 | 30 |
| | 额定功率/Rated Power | Hp | 5 | 10 | 15 | 20 | 25 | 30 | 40 |
| | 类型/Type | 全封闭涡旋式(活塞式)Hermetic Scroll (Piston Type) | | | | | | | |
| 输入总功率Total Input Power | | Kw | 4.86 | 9.4 | 13.47 | 18.8 | 22.55 | 28.5 | 36 |
| 电源Power | | 3PH-380V/50HZ | | | | | | | |
| 蒸发器 Evaporator | 类型/Type | 壳管式/不锈钢板换Shell and tube/Plate Heat Exchanger | | | | | | | |
| | 冷冻水量Chilled Fluid Flow | $m^3/h$ | 0.9 | 2.6 | 2.9 | 4.85 | 5.94 | 7 | 8.9 |
| | 水管口径/Pipe diameter | Inch | 1" | 2" | 2.5" | 2.5" | 3" | 3" | 4" |
| 制冷剂 Refrigerant | 类型/Type | R22 | | | | | | | |
| | 控制方式Control Method | 外平衡式热力膨胀阀Expansion Valve | | | | | | | |
| 冷凝器 Condenser | 类型/Type | 高效紫铜管套铝翅片式+低噪音外转子风机Finned copper tube +low noise outer rotor fan | | | | | | | |
| 水泵Pump | 功率/Power | Kw | 0.75 | 1.5 | 2.2 | 2.2 | 4 | 4 | 5.5 |
| | | Hp | 1 | 2 | 3 | 3 | 5 | 5 | 7.5 |
| | 扬程Distance | m | 25 | 17 | 19 | 19 | 16 | 16 | 16 |
| 安全保护 Safety Protection | | 缩机过热保护，过流保护，高低压保护，超温保护，流量保护，相序/缺相保护，排气过热保护，防冻保护 Compressor overheating protection, overcurrent protection, high and low pressure protection, overtemperature protection, flow protection, phase sequence/phase loss protection, exhaust overheating protection, antifreeze protection | | | | | | | |
| 外形尺寸Dimensions(L*W*H) | | mm | 1350*720*1310 | 1600*890*1550 | 1950*1040*1655 | 2250*1040*1855 | | 2660*1150*1970 | 3060*1350*2100 |
| 运行重量Operating Weight | | Kg | 227 | 429 | 559 | 835 | 900 | 1080 | 1125 |

备注：1、制冷量是依据：冷冻水进出水温度-20℃/-25℃、冷却风温度30℃～38
2、工作范围：冷冻水温度范围：-25℃～-5℃；冷冻水进出水温差3℃～8℃
在环境温度不高于35℃环境下使用。
3、机器电压可按客户要求特殊定制。

Note: 1.Nominal cooling capacity calculated according to: Inlet/outlet chilled fluid temperature:-20℃/-25℃, Inlet/outlet cooling air temperature :30℃/38℃.
2.Working condition:The temperature range of chilled fluid is from -25℃ to -5℃. Temperature difference between inlet and outlet chilled fluid is from 3℃ to 8℃.
It is better to run the chiller while the ambient temperature at or below 35℃.
3.Special orders of machine voltage can be acceptable according to customers's request.

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

# 水冷式气悬浮冷水机组

## AIR BEARING CENTRIFUGAL CHILLER

携成气悬浮冷水机是一种采取气浮轴承来进行旋转支撑的离心压缩机为核心而设计的冷水机组，携成气悬浮式冷水机组全系满足国标一级能效，国标工况COP可达7.0，综合部分负荷性能系数可达11.0，具有GOP/IPLV双一级能效，采用完美设计方案加高效性能组件,气悬浮离心式冷水机组比普通螺杆机组能效比提高50%左右，比传统的离心机或者多联机能效比提高25%左右,比磁悬浮机组能效比提高6%左右。

The Xiecheng air-bearing centrifugal chiller is a water chiller unit designed with a centrifugal compressor supported by air bearings at its core. The entire series of Xiecheng air-bearing chillers meet the National Standard Energy Efficiency Grade I. Under standard working conditions, the COP can reach 7.0, and the comprehensive part-load performance coefficient can reach 11.0, featuring dual Grade I energy efficiency of GOP/IPLV. With a perfect design and high-efficiency components, the air-bearing centrifugal chiller has an energy efficiency ratio about 50% higher than that of ordinary screw units, about 25% higher than that of traditional centrifugal or VRF units, and about 6% higher than that of magnetic suspension units.

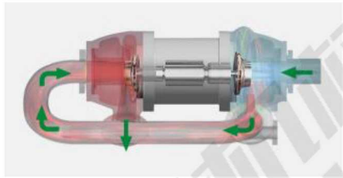
### 特点：

◎气悬浮冷水机组使用R134a环保制冷剂，与普通螺杆冷水机组相比，综合节能可达50%，COP达7.0；
◎采用动压气悬浮压缩机，运行无摩擦，机械损失小，可连续启停稳定运行，无需维护；采用独创多筒支梁式箔片动压气浮轴承技术，启停寿命超25万次，10年耐久运行寿命；
◎两器设计采用了国内新型换热管，并结合系统的换热设计及流体仿真技术，从而使两器换热能力获得最大可能强化；
◎采用世界一流的机载变频驱动技术，机组软启动，减少启动电流的冲击；
◎控制先进，采用最新一代PLC控制器，精确控温，冷冻水出水温度精度±0.1度。




### FEATURE:

◎The air-bearing chiller uses R134a environmentally friendly refrigerant. Compared with ordinary screw chillers, it can achieve comprehensive energy saving of up to 50%, with a COP of 7.0;
◎It adopts a dynamic pressure air-bearing compressor, which operates without friction and has low mechanical loss, allowing for stable continuous start-stop operation without the need for maintenance. It uses an innovative multi-beam foil dynamic pressure air-bearing technology, with a start-stop life exceeding 250,000 times and a 10-year durable operating life;
◎The design of the two heat exchangers adopts new types of heat exchange tubes in China, combined with the system's heat exchange design and fluid simulation technology, thereby maximizing the heat exchange capacity of the two heat exchangers;
◎It uses world-class on-board variable frequency drive technology, enabling soft start of the unit and reducing the impact of starting current;
◎The control system is advanced, using the latest generation of PLC controllers to achieve precise temperature control, with the chilled water outlet temperature accuracy of ±0.1 degree.



宽工况高性能气体动力学设计
Wide Working Condition and High-Performance Gas Dynamics Design



启停寿命超25万次
Start-stop life exceeds 250,000 times




悬浮轴承，无机械摩擦
Suspension bearings, no mechanical friction

**低噪音 低震动** Low Noise and Low Vibration
气悬浮离心式冷水机组运动部件悬浮，高刚度转子系统避免了长悬臂、低震动、低噪音、低损失，运行噪音小，尤其适用于需要低震动、低噪音的场合。
The air-bearing centrifugal chiller has suspended moving parts, and the high stiffness rotor system avoids long cantil evers, resulting in low vibration, low noise, and low loss. It operates quietly and is particularly suitable for applications requiring low vibration and low noise.

**长寿命低故障** Long Life and Low Failure Rate
气悬浮离心式压缩机无摩擦、无损耗,因而使用寿命长。
The air-bearing centrifugal compressor has no friction and no wear, thus having a long service life.

**低成本免维护** Low Cost and Maintenance-Free
气悬浮离心式冷水机组无需更换润滑油、无需更换滤芯、无需检修油系统,与磁悬浮相比没有多位检测传感器等电器件，因而故障率低，性能可靠；结构简单，人工成本、安装、运输、维护、消音隔振成本低。
The air-bearing centrifugal chiller does not require the replacement of lubricating oil, filters, or maintenance of the oil system. Compared with magnetic suspension systems, it does not have multiple detection sensors and other electrical components, resulting in a lower failure rate and reliable performance. Its simple structure leads to low labor costs, as well as reduced costs for installation, transportation, maintenance, and noise and vibration reduction.

**气悬浮无油变频离心冷水机组不衰减**
No Performance Degradation in Oil-Free Variable Frequency Centrifugal Chiller
相比普通机组运行十年性能衰减20%，气悬浮离心式冷水机组十年性能衰退不到4%，实现了长期高效运行。
Unlike ordinary units that see a 20% performance decline after ten years of operation, the air-bearing centrifugal chiller's performance degradation is less than 4% after a decade, achieving long-term efficient operation.





# 喷淋降膜式变频螺杆冷水机

## SPRAY FILM FALLING TYPE SCREW CHILLER WITH INVERTER

### 特点：

◎COP可达6.0，相对普通定频冷水机节能25%-35%；
◎采用世界一流的机载变频驱动技术，机组软启动，减少启动电流的冲击；
◎采用喷淋降膜式蒸发器，传热系数高，换热更均匀，效率更高，端温差小（优于满液，更优于干式）；
◎冷却介质走铜管内部，易于清洗；
◎控制先进，采用最新一代PLC控制器，精确控温，冷冻水出水温度控制精度±0.5度以内。

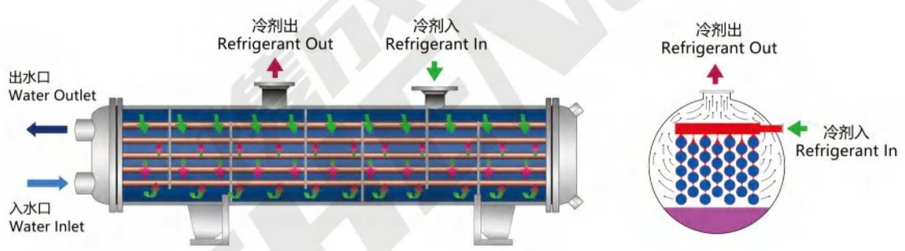


### FEATURE:

◎COP could reach 6.0, 25~35% energy saving compared with standard set-frequency chillers;
◎Adopted the world class built-in frequency variation driving and soft starting technology to reduce impact of starting current;
◎With Spray Film Falling Type Evaporator, heat conduction higher and heat exchanging more even, high efficiency and low temperature differences with ends (better than Flooded Type, way better than Dry Type;
◎Cooling medium runs through the copper tubes, easy to clean;
◎Adopted the latest generation PLC controller to realize precision control of cold water supplying with deviation less than ±0.5°C.

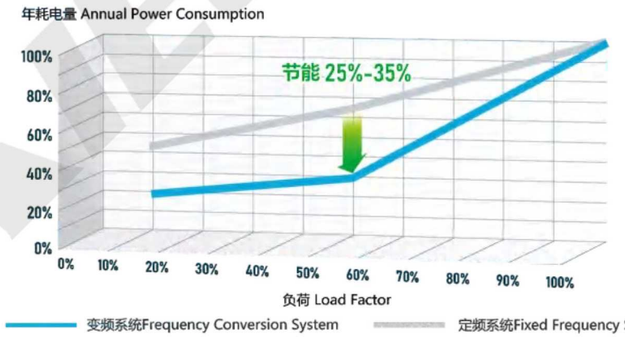
## 喷淋降膜式蒸发器，换热效率高，端温差小

With Spray Film Falling Type Evaporator, high heat exchange efficiency and low temperature differences with ends




## 世界一流的机载变频驱动技术，高效节能25%-35%

The world class built-in frequency variation driving, high efficiency and energy saving 25%-35%







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

# 水冷式螺杆冷水机
## WATER COOLED SCREW CHILLER



XC-L320WS-2

## 特点：

◎采用世界知名品牌半封闭螺杆式压缩机，可确保长时间高效稳定运行；
◎压缩机为无段容调，可实现制冷量在25%-100%之间任何段位连续调节，达到稳定的能量输出控制；
◎壳管式冷凝器采用高精密外螺纹铜管设计和壳管式蒸发器采用高精密内螺纹铜管设计，换热面积更大，效率更高，最大化发挥机器的性能；
◎控制先进，采用最新一代PLC控制器，精确控制机组，确保高效合理运行；
◎精确控温，冷冻水出水温度控制精度±0.5度以内，满足高精度控温要求；
◎具有电流过载保护、高低压压力、流量控制阀等保护系统及电子时间延迟等完善的安全保护装置，触控式液晶显示屏，异常直观显示系统；
◎机组备有单、双回路设计，满足客户的不同选择。当双回路配置机组的单台压缩机出现故障时，另一台压缩机仍可正常运行，不影响客户使用；
◎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。

XC - L ** W F - * - R* - RS / TCP / CE

- CE：CE标准接线 CE Standards
- TCP：带TCP通讯TCP communication
- RS：带RS485通讯 RS485 communication
- R*：R0:410制冷剂 R2:R22制冷剂 R7:R407制冷剂 MCryogen type
- *：压缩机数量Number of compressor
- F：BQ:气悬浮 air-suspending；H:冷热一体机 Integrated hot and cold；L:低温 Low temperature
- W：SFB:降膜变频螺杆压缩机 Falling type screw compressor；S:螺杆压缩机 Screw compressor；FC:自然冷却 natural cooling；F:冷风机 Industrial air cooling chamber
- **：压缩机马力 Compressor horsepower
- L：HPU**:涡旋式风冷；L**W:水冷式；LF**A:风冷式 Water-cooled chiller
- XC：携成 XIECHENG

## FEATURE:

◎Adopted world famous branded semi-hermetic compressors for long term reliable and efficient running;
◎Compressor runs with no stage limits to realize stageless continuous adjustment of cooling capacity in between 25%-100% power loaded and maintaining stable outputs;
◎Shell and tube condenser adopts high-precision external threaded copper tube design with larger heat exchanging area for higher efficiency and maximizing system performance;
◎Adopted the latest generation PLC controller to realize precision control of the unit, ensuring efficient and stable running;
◎Accuracy of outlet chilled water temperature within ±0.5°C, compliable to high-precision temperature control requirements;
◎Complete safety devices including current overload protector, high and low pressure controllers, flow control valve and electronic time delayer, also touch screen LCD with visual system on failure display;
◎The units are available in single and dual circuit designs to meet the different choices of customers. When the single compressor of the dual circuit configuration unit fails, the other compressor can still operate normally, without affecting the customer's use;
◎Equipped with one week 24 hours timing function to enable automatic operation by appointment;
◎Equipped with communication function to realize automatic remote management.




触摸屏
Touch Screen





## 水冷螺杆式冷水机技术参数 TECHNICAL SPECIFICATIONS

| 型号Model | | Unit | XC-L30WS | XC-L40WS | XC-L50WS | XC-L60WS | XC-L80WS | XC-L100WS | XC-L120WS | XC-L160WS |
|---|---|---|---|---|---|---|---|---|---|---|
| 制冷量 Refrigerating Capacity | | Kw | 99 | 142.5 | 186.5 | 200.1 | 264 | 375 | 406 | 537.1 |
| | | Kcal/h | 85140 | 122550 | 160390 | 172086 | 227040 | 322500 | 349160 | 461906 |
| 输入功率 Input Power | | Kw | 23.3 | 30.8 | 38.6 | 42.5 | 55.6 | 67.1 | 79.4 | 55.6×2 |
| 制冷剂流量控制方法 Control Type | | | 外平衡式热力膨胀阀Externally balanced thermal expansion valve | | | | | | | |
| 制冷剂 Refrigerant | | | R22(可选 Optional R407c/R134a/R507) | | | | | | | |
| 压缩机 Compressor | 款式 Type | | 半封闭螺杆式Semi-Hermetic Screw Type | | | | | | | |
| | 数量 Quantity | | 1~4 | | | | | | | |
| | 启动方式 Startup Mode | | 星三角启动Semi-closed screw type | | | | | | | |
| | 能量控制(%) Capacity Control | | 0-25-50-75-100 | | | | | | | |
| 电源Power | | | 3PH-380V/50HZ | | | | | | | |
| 蒸发器 Evaporator | 款式 Type | | 干式壳管式Shell and TubeType | | | | | | | |
| | 冷却水流量($m^3$/hr) Chilling Water Flow | | 19 | 21 | 26 | 30 | 39 | 55 | 68 | 86 |
| | 水管口径(Inch) Water Pipe Diameter | | 3" | 3" | 3" | 4" | 4" | 4" | 4" | 6" |
| 冷凝器 Condenser | 类型 Type | | 壳管式 Shell And Tube | | | | | | | |
| | 冷却水流量($m^3$/hr) Chilling Water Flow | | 21 | 26 | 33 | 40 | 45 | 69 | 85 | 108 |
| | 水管口径(Inch) Water Pipe Diameter | | 3" | 3" | 3" | 4" | 4" | 4" | 4" | 4"×2 |
| 安全保护Safety Protection | | | 压缩机过热保护，过流保护，高低压保护，超温保护，流量保护，相序/缺相保护，排气过热保护，防冻保护 High and Low Pressure Protection, Overload Protection, Over Temperature Protection, Phase Sequence Protection, etc. | | | | | | | |
| 外形尺寸 Dimensions (L*W*H) | | mm | 2145*800*1670 | 2340*800*1670 | 2340*800*1670 | 2580*800*1720 | 3130*900*1860 | 3340*1300*1450 | 3340*1300*1500 | 3880*875*1850 |
| 单位换算 Unit Exchange | | | 1KW=860Kcal/h 1RT=3024Kcal/h 1Btu/hr=0.252Kcal/h | | | | | | | |

| 型号Model | | Unit | XC-L180WS | XC-L250WS | XC-L280WS | XC-L320WS | XC-L380WS | XC-L400WS | XC-L500WS | XC-L580WS |
|---|---|---|---|---|---|---|---|---|---|---|
| 制冷量 Refrigerating Capacity | | Kw | 594 | 825 | 924 | 1056 | 1254 | 1320 | 1650 | 1914 |
| | | Kcal/h | 510840 | 709500 | 794640 | 908160 | 1078440 | 1135200 | 1419000 | 1646040 |
| 输入功率 Input Power | | Kw | 63.1×2 | 79.4×2 | 87.5×2 | 104.8×2 | 120.7×2 | 150×2 | 205.35×2 | 214.85×2 |
| 制冷剂流量控制方法 Control Type | | | 外平衡式热力膨胀阀Externally balanced thermal expansion valve | | | | | | | |
| 制冷剂 Refrigerant | | | R22(可选 Optional R407c/R134a/R507) | | | | | | | |
| 压缩机 Compressor | 款式 Type | | 半封闭螺杆式Semi-Hermetic Screw Type | | | | | | | |
| | 数量 Quantity | | 1~4 | | | | | | | |
| | 启动方式 Startup Mode | | 星三角启动Semi-closed screw type | | | | | | | |
| | 能量控制(%) Capacity Control | | 0-25-50-75-100 | | | | | | | |
| 电源Power | | | 3PH-380V/50HZ | | | | | | | |
| 蒸发器 Evaporator | 款式 Type | | 干式壳管式Shell and TubeType | | | | | | | |
| | 冷却水流量($m^3$/hr) Chilling Water Flow | | 96 | 136 | 150 | 168 | 206 | 240 | 273 | 308 |
| | 水管口径(Inch) Water Pipe Diameter | | 6" | 6" | 6" | 6" | 8" | 8" | 10" | 10" |
| 冷凝器 Condenser | 类型 Type | | 壳管式 Shell And Tube | | | | | | | |
| | 冷却水流量($m^3$/hr) Chilling Water Flow | | 122 | 170 | 186 | 220 | 252 | 294 | 334 | 372 |
| | 水管口径(Inch) Water Pipe Diameter | | 4"×2 | 4"×2 | 5"×2 | 5"×2 | 6"×2 | 6"×2 | 6"×2 | 6"×2 |
| 安全保护Safety Protection | | | 压缩机过热保护，过流保护，高低压保护，超温保护，流量保护，相序/缺相保护，排气过热保护，防冻保护 High and Low Pressure Protection, Overload Protection, Over Temperature Protection, Phase Sequence Protection, etc. | | | | | | | |
| 外形尺寸 Dimensions (L*W*H) | | mm | 3910*875*1950 | 3670*1330*2130 | 4250*1320*2150 | 4350*1320*2150 | 4450*1580*2230 | 4900*1600*2350 | 4950*1760*2360 | 5010*1760*2360 |
| 单位换算 Unit Exchange | | | 1KW=860Kcal/h 1RT=3024Kcal/h 1Btu/hr=0.252Kcal/h | | | | | | | |

备注：1、制冷量是依据冷冻水入口温度15℃，出口10℃；冷却水入口温度30℃，出口温度35℃计算得出。
2、工作范围：冷冻水温度范围：5℃至35℃；冷冻水进出水温差：3℃至8℃
冷却水温度范围：18℃至37℃；冷却水进出水温差：3.5℃至10℃
3、机器电压可按客户要求特殊定制。

Note: 1. Nominal cooling capacity calculated according to :Inlet/outlet chilled fluid temperature:15°C/10°C, Inlet/outlet cooling water temperature :30°C/35°C.
2.Working condition:The temperature range of chilled fluid is from 5°C to 35°C Temperature difference between inlet and outlet chilled fluid is from 3°C to 8°C.
The temperature range of cooling water from 18°C to 37°C Temperature difference between inlet and outlet cooling water is from 3.5°C to 10°C.
The above red parameters is for the particular voltage, which need to made accordingly.
3.Special orders of machine voltage can be acceptable according to customers's request.

# 风冷式螺杆冷水机
## AIR COOLED SCREW CHILLER

**特点：**

◎采用世界知名品牌半封闭螺杆式压缩机，可确保长时间高效稳定运行；
◎压缩机为无段容调，可实现制冷量在25%-100%之间任何段位连续调节，达到稳定的能量输出控制；
◎采用高效翅片式冷凝器和高效率静音制冷专用风机，无需提供冷却水，安装便捷；
◎壳管式蒸发器采用高精密内螺纹铜管设计，换热面积更大，效率更高，最大化发挥机器的性能；
◎控制先进，采用最新一代PLC控制器，精确控制机组，确保高效合理运行；
◎精确控温，冷冻水出水温度控制精度±0.5度以内，满足高精度控温要求。
◎具有电流过载保护、高低压压力、流量控制阀等保护系统及电子时间延迟等完善的安全保护装置，触控式液晶显示屏，异常直观显示系统；
◎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 world famous branded semi-hermetic compressors for long term reliable and efficient running;
◎Compressor runs with no stage limits to realize stageless continuous adjustment of cooling capacity in between 25%-100% power loaded and maintaining stable outputs;
◎With highly efficient fin type condenser and silent refrigeration fan, no need to equip cooling water, easy to install;
◎Shell and tube evaporator adopts high-precision internal threaded copper tube design with larger heat exchanging area for higher efficiency and maximizing system performance;
◎Adopted the latest generation PLC controller to realize precision control of the unit, ensuring efficient and stable running;
◎Accuracy of outlet chilled water temperature within ±0.5 Celsius degrees, compliable to high-precision temperature control requirements;
◎Complete safety devices including current overload protector, high and low pressure controller, flow control valve and electronic time delayer, also touch screen LCD with visual system on failure display;
◎Equipped with one week 24 hours timing function to enable automatic operation by appointment;
◎Equipped with communication function to realize automatic remote management.



XC-LF240AS

## 风冷螺杆式冷水机技术参数 TECHNICAL SPECIFICATIONS

| 型号Model | | Unit | XC-LF40AS | XC-LF50AS | XC-LF60AS | XC-LF80AS | XC-LF100AS | XC-LF120AS | XC-LF160AS | XC-LF180AS | XC-LF200AS | XC-LF240AS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 制冷量 Refrigerating Capacity | | Kw | 125 | 165.2 | 176 | 237.2 | 330 | 353.2 | 473.4 | 556.3 | 655 | 767 |
| | | Kcal/h | 107500 | 142072 | 151360 | 203992 | 283800 | 303752 | 407124 | 478418 | 563300 | 659620 |
| 输入功率 Input Power | | Kw | 30 | 37 | 45 | 30x2 | 37x2 | 45x2 | 60x2 | 67x2 | 75x2 | 90x2 |
| 制冷剂流量控制方法 Control Type | | | 外平衡式热力膨胀阀 Externally Balanced Thermal Expansion Valve | | | | | | | | | |
| 制冷剂 Refrigerant | | | R22(可选 Optional R407c/R134a/R507) | | | | | | | | | |
| 压缩机 Compressor | 款式 Type | | 半封闭螺杆式 Semi-Hermetic Screw | | | | | | | | | |
| | 数量 Quantity | | 1/2/3/4 | | | | | | | | | |
| | 启动方式 Startup Mode | | Y-△启动 | | | | | | | | | |
| | 能量控制(%) Capacity Control | | 0-25-50-75-100 | | | | | | | | | |
| 电源Power | | | 3PH-380V/50HZ | | | | | | | | | |
| 蒸发器 Evaporator | 款式 Type | | 干式壳管式 Shell And Tube Type | | | | | | | | | |
| | 冷却水流量($m^3$/hr) Chilling Water Flow | | 18 | 23 | 26 | 26 | 46 | 52 | 71 | 86 | 100 | 117 |
| | 水管口径(inch) Water Pipe Diameter | | 4" | 4" | 4" | 4" | 4" | 4" | 6" | 6" | 6" | 6" |
| 冷凝器 Condenser | 类型 Type | | 空气冷却式高效铜管套铝片Air Cooed High-Efficient Inner Threaded Copper-Tubing Aluminum Fin Type | | | | | | | | | |
| 水泵 Pump | 功率/Power(Kw) | | 3 | | 4 | | | | 11 | | | |
| | 马力(HP) | | 4 | | 5.5 | | | | 15 | | | |
| | 扬程Distance(m) | | 16 | | 18 | | | | 14 | | | |
| | 流量/Flow Rate (L/min) | | 800 | | 800 | | | | 2783 | | | |
| 风机 Fan | 款式 Type | | 大功率轴流风机Low Noise Orter Rotor High Power Axial Fan | | | | | | | | | |
| | 功率Power(Kw) | | 2.4 | 3.75 | 3.75 | 4.6 | 6.4 | 6.4 | 11.2 | 12.8 | 14.4 | 16 |
| | 风量($m^3$/hr) Cooling Air Flow | | 39000 | 65700 | 65700 | 82000 | 104000 | 104000 | 182000 | 208000 | 235000 | 260000 |
| 安全保护Safety Protection | | | 压缩机过热保护，机组过载保护装置，高低压力保护装置，防冻保护装置，电源逆相/缺相保护器，水流开关<br>Compressor Over Heat / Over Loading / High and Low Pressure / Over Temperature / Phase and Phase Reverse / Anti Freezing | | | | | | | | | |
| 外形尺寸(W*L*H) Dimension | | mm | 3000*1350*2025 | 3300*1500*2255 | 4000*1600*2125 | 3500*2200*2030 | 3960*2200*2030 | 4550*2200*2080 | 4600*2200*2080 | 5088*2240*2500 | 6088*2240*2500 | 9088*2240*2500 |
| 机组重量 Net Weight | | Kg | 1300 | 1620 | 1930 | 2260 | 3340 | 3850 | 4200 | 4450 | 4670 | 4860 |
| 单位换算 Unit Exchange | | | 1KW=860Kcal/h 1RT=3024Kcal/h 1Btu/hr=0.252Kcal/h | | | | | | | | | |

备注：1、制冷量是依据冷冻水入口温度15℃，出口10℃；冷却入风温度30℃，出风温度40℃计算得出
2、工作范围：冷冻水温度范围：5℃至50℃；冷冻水进出水温差：3℃至8℃
冷却温度范围：35℃以下使用；冷却进出风温差：3℃至8℃
3、机器电压可按客户要求特殊定制。

Note: 1. The outcome cooling capacity is calculated in accordance with the running process of inlet chilled water temperature 15°C and outlet water temperature 10°C. Inlet cooling air temperature 30°C and outlet air temperature 40°C.
2. Working condition: Chilled water temperature ranges from 5°C to 50°C. Temperature difference between inlet and outlet chilled water is 3°C to 8°C. Setting temperature recommended is not higher than 35°C.
Temperature difference between inlet and outlet chilling air is 3°C to 8°C.
3.Special orders of machine voltage can be acceptable according to customers's request.

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





# 工业一体式水冷/风冷螺杆式冷水机组
## THE INDUSTRIAL INTEGRATED WATER-COOLED/AIR-COOLED SCREW CHILLER

**特点：**

◎工业一体式水冷/风冷螺杆式冷水机组，又名 撬块式冷水机组（也可以定制工业一体式涡旋机组）是将制冷主机、冻水储水箱、冻水循环水泵、工艺水泵、水路系统及各种阀件、工程控制柜集合在一起，集中控制，质量可靠，结构紧凑，占用空间少，安装简单方便，降低工程安装费用。广泛应用于：医疗、化工、食品、机械等行业。
◎可定制高压型一体式冷水机组，专为PET瓶胚注塑、吹塑及汽车配件等需要高压冷却的工艺设计。

**FEATURE:**

◎The integrated industrial water-cooled/air-cooled screw chiller, or Skid-mounted Chiller (industrial integrated scroll chiller can also be customized) integrates the chiller, cold water storage tank, cold water circulation pump, process water pump, water system and various valves, and engineering control cabinet. It has reliable quality, compact structure, small space occupation, simple and convenient installation, and reduces engineering installation costs. It is widely used in medicine, chemicals, food, machinery and other industries.
◎Optional to customize for High Pressure integrated chiller unit for process design requiring high pressure cooling like PET, Blow Molding or Automobile Parts, etc.



工业一体式水冷螺杆式冷水机组
The Industrial Integrated Water-Cooled Screw Chiller



工业一体式风冷螺杆式冷水机组(高压型)
The Industrial Integrated Air-cooled Screw Chiller(High Pressure Type)

# 热回收工业冷水机组

## HEAT RECOVERY INDUSTRIAL CHILLER UNIT

热回收工业冷水机组利用先进热回收技术，将冷水机组运行过程中排向外界的大量废热回收再利用，作为用户的最终热源或初级热源。即为客户提供冷水的同时，还可免费供应大量热水。广泛应用于食品加工、医疗行业、化工行业、新材料、工业制造、包装橡塑等。

The heat recovery industrial chiller unit utilizes advanced heat recovery technology to recycle a large amount of waste heat generated during the operation of the chiller. This waste heat can be reused as the final or primary heat source for users. Thus, it provides chilled water to customers while also supplying a large amount of hot water for free. This technology is widely used in food processing, the medical industry, the chemical industry, new materials, industrial manufacturing, packaging, and rubber and plastics.

**特点：**

◎采用热回收装置，将制冷过程中产生的废热予以回收，提供高达60°C左右的免费热水，节省运行成本；
◎采用世界知名品牌半封闭螺杆式压缩机，可确保长时间高效稳定运行；
◎压缩机为无段容调，可实现制冷量在25%-100%之间任何段位连续调节，达到稳定的能量输出控制；
◎壳管式冷凝器采用高精密外螺纹铜管设计和壳管式蒸发器采用高精密内螺纹铜管设计，换热面积更大，效率更高，最大化发挥机器的性能；
◎控制先进，采用新一代PLC控制器，精确控制机组，确保高效合理运行；
◎精确控温，冷冻水出水温度控制精度±0.5度以内，满足高精度控温要求；
◎具有电流过载保护、高低压压力、流量控制阀等保护系统及电子时间延迟等完善的安全保护装置，触控式液晶显示屏，异常直观显示系统；
◎机组备有单、双回路设计，满足客户的不同选择。当双回路配置机组的单台压缩机出现故障时，另一台压缩机仍可正常运行，不影响客户使用；
◎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:**

◎Heat Recovery Device: Recycles waste heat generated during the cooling process to provide up to 60°C of free hot water, reducing operating costs;
◎High-Quality Compressor: Uses a world-renowned brand semi-hermetic screw compressor, ensuring long-term efficient and stable operation;
◎Variable Capacity Control: The compressor allows for stepless capacity control, enabling continuous adjustment of cooling capacity between 25% and 100% for stable energy output control;
◎Advanced Heat Exchangers: Shell-and-tube condenser with high-precision outer-threaded copper tubes and shell-and-tube evaporator with high-precision inner-threaded copper tubes provide larger heat exchange area and higher efficiency, maximizing machine performance;
◎Advanced Control: Equipped with a new generation PLC controller for precise unit control, ensuring efficient and rational operation;
◎Precise Temperature Control: Controls the outlet temperature of chilled water with an accuracy of ±0.5 degrees, meeting high-precision temperature control requirements;
◎Comprehensive Safety Features: Includes overcurrent protection, high and low pressure protection, flow control valve, electronic time delay, and other complete safety protection devices. The touch-screen LCD display provides an intuitive system overview;
◎Single and Dual Circuit Design: Offers single or dual circuit designs to meet different customer needs. In the event of a fault in one compressor of a dual circuit unit, the other compressor can continue to operate normally, ensuring uninterrupted use;
◎24-Hour Timing Function: Equipped with a 24-hour weekly timer function for scheduled automatic operation of the entire unit;
◎Communication Capabilities: Supports automated remote management with communication functions.





# 防爆螺杆式冷水机

## EXPLOSION-PROOF WATER CHILLER

**特点：**

◎防爆螺杆式冷水机组采用隔爆、无火花、浇封和气密等多种防爆方式，使机组可以在易燃易爆场合使用，如：石油、化工、冶金、制药和国防工业等空气存在爆炸性气体混合物的自封闭的室内空间环境作为净化空气和调节气温（降低温度或升高温度）之用。机组型号由30HP-720HP不等，可根据客户要求定做。



**FEATURE:**

◎The explosion-proof screw chiller adopts various explosion-proof methods such as insulation, increased safety, intrinsic safety, positive pressure, oil filling, sand filling, no spark, pouring sealing, and air tightness, enabling the unit to be used in flammable and explosive environments, such as in the petroleum, chemical, metallurgy, pharmaceutical, and defense industries, where the air contains explosive gas mixtures in enclosed indoor spaces, for air purification and temperature regulation (reducing or increasing temperature). The series models range from 30HP to 720HP, which can be customized according to customer requirements.

# 低温水冷式螺杆冷水机

## LOW TEMP. WATER COOLED SCREW CHILLER

**特点：**

◎低温水冷式螺杆冷水机组是针对钢铁、医药、电子、化工、食品等特殊行业，根据多年工业用冷冻机组设计经验，精心设计研发的新一代低温冷冻机组，其温度范围可在 -60°C-0°C之间任意调节；
◎采用知名品牌新型低温螺杆压缩机，整机系统零部件及主要电气控制元件均为进口品牌，性能稳定可靠，控制系统采用PLC触摸屏控制，操作更为精确、简便；
◎可根据客户需求订制各种使用工况的低温冷水机组。

**FEATURE:**

◎Low Temperature Water Cooled Screw Chillers are especially for industries like iron, medication, electronics, chemical and food products, etc. With years of experiences in industrial chiller unit design, the new generation of low temperature refrigeration units are capable of freely adjusting temperature from -60°C -0°C;
◎Equipped with famous brand low-temperature screw compressors, the chiller unit not only adopts imported devices in systematic and main electric controlling parts, but also the PLC touch screen operation system, hence to provide stable and reliable performances and accurate but simple operations;
◎The configuration can be customized depending on demand for various running conditions.



XC-L100WSL

# 高精度模温机(光学式)

## HIGH PERFORMANCE MOLD TEMPERATURE CONTROLLER (OPTICAL TYPE)

光学模温机，专为精密光学注塑打造。它通过提供极高精度和极强稳定性的温度控制，确保了光学塑料元件具有无瑕疵的表面、精确的尺寸和稳定的光学性能，是生产各种镜头、透镜、车灯内透镜、导光板、滤光片等高端光学元件的关键保障，显著提升产品良率与品质。

The optical-type mold temperature controller is specifically designed for precision optical injection molding. By providing temperature control with extremely high accuracy and strong stability, it ensures optical plastic components have flawless surfaces, precise dimensions, and stable optical performance. It serves as a key guarantee for producing various high-end optical components such as lenses, optical lenses, inner lenses for vehicle lamps, light guides, and filters, significantly improving product yield and quality.



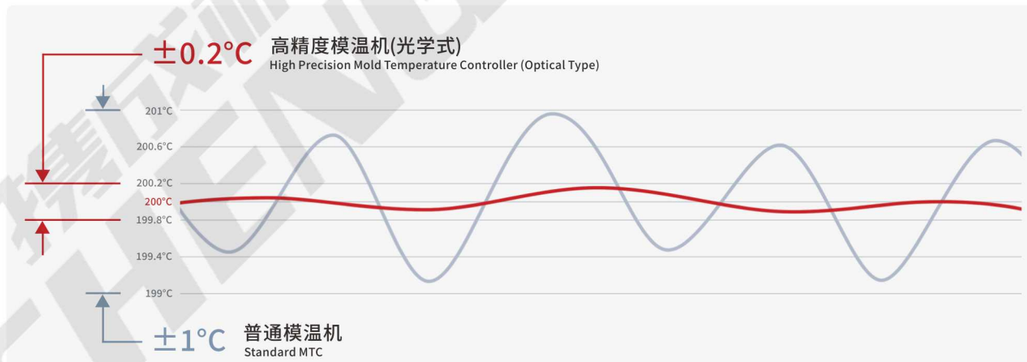




XC-TM12KW-HPO

## 高精度，响应快，波动小，温度稳定性好

HIGH ACCURACY, RAPID RESPONSE, MINIMAL FLUCTUATION, AND SUPERIOR TEMPERATURE STABILITY








## 精准、高效、节能 Precise, Efficient, Energy-Saving

### ▶ 温度控制精准
- 高控制精度±0.2℃，带自我优化调节，响应时间短；
- 可自动调节压力、流量和发热功率，精准控温；
- 支持外部温度检测，以模具作为温度监测点，实时监测模具温度；
- 温控范围：200℃以内。

### ▶ 加热和冷却周期短，能耗低
- 加热水循环系统，低循环水量，只需要较少的电力；
- 冷却换热系统，智能化冷却设计，智能切换直接冷却或间接冷却模式，可降低能量损耗。

### ▶ 节能变频泵浦
- 变频泵浦，可按流量设定值自动调节转速，节省能耗。

### ▶ Accurate Temperature Control
- High control accuracy of ±0.2°C, equipped with self-optimizing adjustment and short response time;
- Automatically adjusts pressure, flow rate, and heating power to achieve precise temperature control;
- Supports external temperature detection, using the mold as the temperature detection point to realize precise mold temperature control of ±0.2°C;
- Temperature control range: Within 200°C.

### ▶ Short Heating & Cooling Cycles, Low Energy Consumption
- Hot water circulation system with low circulating water volume, requiring less electricity;
- Cooling heat exchange system featuring an intelligent cooling design; it can intelligently switch between direct cooling and indirect cooling modes to reduce energy loss.

### ▶ Energy-Saving Inverter Pump
- The inverter pump can automatically adjust its speed according to the set flow rate, saving energy consumption.

## 直观、智能、便捷 Intuitive, Intelligent, Convenient

### ▶ 直观操作
- 7英寸触摸屏直观操作；
- 实时显示温度、压力和流量等核心数据；
- 自由选择显示视窗和数值；
- 多语种显示且编排合理的菜单；
- 维护保养间隔显示提醒。

### ▶ 便捷的功能
- 全自动模具冷却和模具排空；
- 自定义模具参数配方存储功能；
- 配备USB数据记录导出功能；
- 配备Modbus RTU和OPC UA通讯功能，可实现联网通讯，集中监控。

### ▶ Intuitive Operation
- 7-inch touchscreen for intuitive operation;
- Real-time display of core data including temperature, pressure, and flow rate;
- Free selection of display windows and values;
- Multilingual display with well-organized menus;
- Display reminder for maintenance intervals.

### ▶ Convenient Functions
- Fully automatic mold cooling and mold emptying;
- Customized mold parameter recipe storage function;
- Equipped with USB data recording and export function;
- Equipped with Modbus RTU and OPC UA communication functions, enabling network communication and centralized monitoring.

## 安全、耐用、低维护率 Safe, Durable, Low Maintenance

### ▶ 全自动化过程监控
- 持续监测温度、流量和压力；
- 高精度电磁感应流量检测；
- 软管破裂和泄漏检测；
- 泵状态监控。

### ▶ 稳定耐用的结构
- 模具水回路管道采用耐腐蚀材质；
- 非接触式加热器，使用寿命长，不产生水垢；
- 智能冷却装置确保冷却时无汽化，无结垢；
- 不锈钢无密封泵，磁力驱动，无泄漏；
- 核心零部件均采用国际知名品牌，保证机器运行稳定。

### ▶ 模具保护系统
- 密闭水回路系统设计，防止氧化；
- 开机自动排气，关机自动冷却，并自动清模；
- 主动式压力调节，系统运行时动态调节至所需压力范围。

### ▶ Fully Automatic Process Monitoring
- Continuous monitoring of temperature, flow rate, and pressure;
- High-precision electromagnetic induction flow detection;
- Hose rupture and leakage detection;
- Pump status monitoring.

### ▶ Stable and Durable Structure
- Mold water circuit pipes made of corrosion-resistant materials
- Non-contact heater with long service life and no scale formation
- Intelligent cooling device ensures no vaporization and no scaling during cooling;
- Stainless steel seal-less pump with magnetic drive, achieving no leakage;
- Core components all adopt internationally renowned brands to ensure stable machine operation.

### ▶ Mold Protection System
- Closed water circuit system design to prevent oxidation;
- Automatic air discharge during startup, automatic cooling ; during shutdown, and automatic mold cleaning;
- Active pressure adjustment, dynamically adjusting to the required pressure range during system operation.

## 小体积，紧凑设计 Small Size, Compact Design

### ▶ 灵活安装，随处可放
- 小巧机身，精密紧凑的结构设计，几乎可安装于任何位置。

### ▶ 无尘车间也能使用
- 无纤维隔热层、不留痕的耐磨脚轮、光滑抗污的表面。

### ▶ Flexible Installation, Can Be Placed Anywhere
- Compact body with a precise and compact structural design, which can be installed in almost any location.

### ▶ Usable in Clean Rooms
- Fiber-free thermal insulation layer, non-marking wear-resistant casters, and smooth stain-resistant surface.

# 水式/油式模温机

## STANDARD WATER TEMPERATURE CONTROLLER
## STANDARD OIL TEMPERATURE CONTROLLER

### 特点:

◎温控范围：水式加热温度可达120°C，油式加热温度可达200°C；
◎液晶显示微电脑控制器，显示实测温度和设定温度，操作简单易懂，
P.I.D温度精度±0.1°C，恒温时间长，效率高；
◎具有开机自动排气、关机自动降温、热电偶断偶报警、电源缺相、
安全泄压、异/缺相保护、过热保护、缺水/油等保护功能；
◎加热桶和主管道均采用SUS304不锈钢无缝管，耐腐蚀、不漏水(油)，寿命长；
◎配备一周24小时定时功能，实现整机预约自动运行；
◎可选配回油型，可方便快捷的实现传热油的回收；
◎可选配通讯功能，实现自动化远程管理；
◎采用SSR固态继电器控制（适用于水电分离模温机）；
◎采用非接触式加热器，电热管使用不受水质影响（适用于水电分离模温机）。



XC-TM9KW-W

### FEATURE:

◎Temperature control range: water heating temperature up to 120°C, oil heating temperature can reach 200°C;
◎LCD microcomputer controller can display both the present and set temperatures, easy to operate with P.I.D ±0.1°C temperature control accuracy, long continuity and high efficiency;
◎Safety Functions: auto-exhaust at starting-up and auto-cooling at turning-off, thermocouple disconnection alarm, phases error/sequence protections, safety relief, overheat and oil/water shortage protection;
◎SUS304 stainless steel seamless heating barrel and main pipelines can ensure corrosion-resistant, no leakage and long working lifetime;
◎Timing function for 24 hours and weekly setting to realize automatic running;
◎Optional for oil return type to recycle heat transfer oil conveniently and quickly;
◎Optional for communication function for remote automation management;
◎Adopt SSR solid-state relay control (applicable to water-electricity separation mold temperature controller);
◎Adopt non-contact heater, the use of electric heating tube is not affected by water quality (applicable to water-electricity separation mold temperature controller).



XC-TM9KW-O

### 技术参数 SPECIFICATIONS

| 型号(Model) | 传热媒体 Transfer Medium | 最高温度 Max. Temp. | 泵功率 Pump (KW) | 泵流量 Pump Flow (L/min) | 最高使用扬程 Loading Distance (m) | 油箱容量 Volume of oil tank | 发热功率 Heating Power (KW) | 热媒出入口径 Inlet/Outlet Diameter | 外形尺寸 Dimension (mm) | 净重约 Approx.Net Weight(KG) |
|---|---|---|---|---|---|---|---|---|---|---|
| XC-TM6KW-W | 清水 Water | 100°C | 0.37 | 42 | 28 | / | 6 | 3/8"×2 | 770x295x600 | 45.5 |
| XC-TM9KW-W | | | 0.75 | 56 | 38 | / | 9 | 3/8"×4 | | 49 |
| XC-TM12KW-W | | | 0.75 | 56 | 38 | / | 12 | 3/8"×4 | | 50 |
| XC-TM18KW-W | | | 1.5 | 200 | 30 | / | 18 | 1"×1 | 800x415x800 | 73 |
| XC-TM24KW-W | | | 1.5 | 200 | 30 | / | 24 | 1"×1 | | 76 |
| XC-TM36KW-W | | | 2.2 | 240 | 36 | / | 18x2 | 1.5"×1 | 1100x960x515 | 132 |
| XC-TM48KW-W | | | 2.2 | 240 | 36 | / | 24x2 | 1.5"×1 | | 162 |
| XC-TM6KW-O | 传热油 Heat-Transfer Oil | 200°C | 0.37 | 42 | 28 | 6L | 6 | 3/8"×2 | 770x295x600 | 49 |
| XC-TM9KW-O | | | 0.75 | 56 | 38 | 6L | 9 | 3/8"×4 | | 52.5 |
| XC-TM12KW-O | | | 0.75 | 56 | 38 | 6L | 12 | 3/8"×4 | | 55 |
| XC-TM18KW-O | | | 1.5 | 200 | 30 | 13L | 18 | 1"×1 | 800x415x800 | 80 |
| XC-TM24KW-O | | | 1.5 | 200 | 30 | 13L | 24 | 1"×1 | | 135 |
| XC-TM36KW-O | | | 2.2 | 240 | 36 | 30L | 18x2 | 1.5"×1 | 1100x960x515 | 193 |
| XC-TM48KW-O | | | 2.2 | 240 | 36 | 30L | 24x2 | 1.5"×1 | | 232 |

注：-NW水电分离式。Note: -NW Water-Electricity-Separation .

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





# 双机一体水式/油式模温机

## TWO IN ONE WATER/OIL MTC

### 特点:

◎全新设计、占地面积小、功能完善；
◎双机独立控制温度，适合上、下模不同温度的需要，也可同时控制不同温度需求的两台主机；
◎采用一个超大触摸屏人机交互，独立控制两套控温系统，操作简单易懂，
P.I.D温度精度±0.1°C；
◎内部管路设计简洁、顺畅，结构紧凑，有效减少能量的损失；
◎加热桶、主管道均采用SUS304不锈钢无缝管，耐腐蚀、不漏水(油)，寿命长；
◎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；
◎可根据不同需求选择三机一体或四机一体；
◎采用SSR固态继电器控制（适用于水电分离模温机）；
◎采用非接触式加热器，电热管使用不受水质影响（适用于水电分离模温机）。



XC-TM6KW2S-O

### FEATURE:

◎Newly designed, small footprint and multi-functional;
◎Individual controlling two temperatures--suitable for case with different temperature required for mold parts, or just two machines;
◎Adopt 10-inch super large touch screen human-computer interaction, controlling the two different temperatures at the same time, easy to operate, with P.I.D ±0.1°C temperature control accuracy;
◎Well-constructed interior pipelines with concise and well-knit designation for energy saving;
◎SUS304 stainless steel seamless heating barrel, water storage barrel and main pipelines can ensure corrosion-resistant, no leakage and long working lifetime;
◎Timing function for 24 hours and weekly setting to realize automatic running;
◎Default with communication function for remote automation management;
◎According for actual demand could tailor make 3 in 1 or 4 in 1 models as well;
◎Controlled by SSR solid-state relay (applicable to water-electricity separation mold temperature controller);
◎Adopt non-contact heater, the use of electric heating tube is not affected by water quality (applicable to water-electricity separation mold temperature controller).

### 技术参数 SPECIFICATIONS

| 型号Model | 传热媒体 Transfer Medium | 最高温度 Max. Temp. | 泵功率 Pump(KW) | 泵流量 Pump Flow (L/min) | 泵扬程 Loading Distance (m) | 发热功率 Heating Power (KW) | 热媒出入口径 Inlet/Outlet Diameter | 外形尺寸 Dimension (mm) | 净重约 Approx.Net Weight |
|---|---|---|---|---|---|---|---|---|---|
| XC-TM6KW2S-W | 清水Water | 100°C | 0.37x2 | 42 | 28 | 6x2 | 3/8"×4 | 595x310x920 | 98 |
| XC-TM9KW2S-W | | | 0.75x2 | 56 | 38 | 9x2 | 3/8"×8 | 595x310x920 | 112 |
| XC-TM12KW2S-W | | | 0.75x2 | 56 | 38 | 12x2 | 3/8"×8 | 595x310x920 | 125 |
| XC-TM18KW2S-W | | | 1.5x2 | 200 | 30 | 18x2 | 1"×2 | 945x450x1200 | 150 |
| XC-TM24KW2S-W | | | 1.5x2 | 200 | 30 | 24x2 | 1"×2 | 945x450x1200 | 180 |
| XC-TM36KW2S-W | | | 2.2x2 | 315 | 30 | 18x4 | 1.5"x2 | 1100x550x1350 | 190 |
| XC-TM6KW2S-O | 传热油 Heat-Transfer Oil | 200°C | 0.37x2 | 42 | 22 | 6x2 | 3/8"×4 | 595x310x920 | 98 |
| XC-TM9KW2S-O | | | 0.75x2 | 56 | 28 | 9x2 | 3/8"×8 | 595x310x920 | 112 |
| XC-TM12KW2S-O | | | 0.75x2 | 56 | 28 | 12x2 | 3/8"×8 | 595x310x920 | 125 |
| XC-TM18KW2S-O | | | 1.5x2 | 150 | 30 | 18x2 | 1"×2 | 945x450x1200 | 150 |
| XC-TM24KW2S-O | | | 1.5x2 | 150 | 30 | 24x2 | 1"×2 | 945x450x1200 | 180 |
| XC-TM36KW2S-O | | | 2.2x2 | 233 | 30 | 18x4 | 1.5"x2 | 1100x550x1350 | 190 |

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

# 高温水式模温机
## HIGH TEMP. HIGH PRESSURE WATER MTC

### 特点：

◎温控范围：180°C以内（可选配磁力泵）；
◎液晶显示微电脑控制器，显示实测温度和设定温度，故障显示，操作简单易懂，P.I.D温度精度±0.1°C；
◎采用高效率水循环泵浦，能适用于精密模具及小直径模具回路中的控温需求，实现精密控温；
◎具有高压保护、超温保护、低水压报警、安全泄压装置，自动补水及开机排气功能，关机自动降温等保护功能；
◎配备水位探测针和电子增压泵，可以精确监测水位且自动补水，避免电热管干烧；
◎加热桶、储水桶和主管道均采用SUS304不锈钢无缝管，耐腐蚀、不漏水，寿命长；
◎采用板式换热器间接冷却，控温更为准确，快速达到热交换效果；
◎配备一周24小时定时功能，实现整机预约自动运行；
◎选配通讯功能，实现自动化远程管理；
◎采用SSR固态继电器控制（适用于水电分离模温机）；
◎采用非接触式加热器，电热管使用不受水质影响（适用于水电分离模温机）。

### FEATURE:

◎Temperature control range within 180°C (Optional for magnetic pump);
◎LCD microcomputer controller, displaying present and set temperatures, fault details, easy to operate with P.I.D ±0.1°C temperature control accuracy;
◎Adopted with high efficiency water pump, which can fit and realize the accuracy controlling required for production with precise molding or small diameter molding circulation;
◎Multiple safety devices including high-pressure protection, overheat protection, inlet water pressure deficit protection, safety pressure relieving, automatic water supplying, automatic exhausting at starting up and automatic cooling protection at turning off;
◎Equipped with water level detection and electronic booster pump, which can accurately monitor the water level and automatically refilling water to avoid dry burning of the electric heater;
◎SUS304 stainless steel seamless heating barrel, water storage barrel and main pipelines can ensure corrosion-resistant, no leakage and long working lifetime;
◎Adopts indirect cooling method, enabling precise temperature controller and fast heat exchanging;
◎Timing function for 24 hours and weekly setting to realize automatic running;
◎Optional for communication function for remote automation management;
◎Adopt SSR solid-state relay control (applicable to water-electricity separation mold temperature controller);
◎Adopt non-contact heater, the use of electric heating tube is not affected by water quality (applicable to water-electricity separation mold temperature controller).



XC-TM9KW-HTNW



非接触式电热管结构图（选配）
Non-contact heater (Option)

### 技术参数 SPECIFICATIONS

| 型号Model | 单位Unit | XC-TM9KW-HTW | XC-TM12KW-HTW | XC-TM18KW-HTW | XC-TM24KW-HTW | XC-TM9KW-HTHPW | XC-TM12KW-HTHPW | XC-TM18KW-HTHPW | XC-TM24KW-HTHPW |
|---|---|---|---|---|---|---|---|---|---|
| 温控范围 Temp.Control Range | °C | 160 | | | | 180 | | | |
| 温度精度 Temp.Control Accuracy | °C | P.I.D±0.1 | | | | | | | |
| 电源 power | | AC3Φ380V/50HZ | | | | | | | |
| 传热媒体 heat transfer medium | | 水Water | | | | | | | |
| 冷却方式 Cooling Method | | 间接冷却Indirect Cooling | | | | | | | |
| 加热能量 Heating Capacity | Kw | 9 | 12 | 18 | 24 | 9 | 12 | 18 | 24 |
| 泵浦马力 Pump Power | Kw | 0.75 | 0.75 | 1.5 | 1.5 | 0.5 | 1.1 | 1.1 | 1.5 |
| 最大泵浦流量 Max.Pump Flow | L/min | 135 | 135 | 250 | 250 | 25 | 60 | 60 | 90 |
| 最大泵浦压力 Max.Pump Pressure | $Kg/cm^2$ | 2.5 | 2.5 | 2.5 | 2.5 | 4 | 6 | 6 | 6 |
| 报警功能 Alert Function | | 缺相/缺水/超温/过载Phase Lack/Water Shortage/Over Temperature/0verload | | | | | | | |
| 冷却水配管 Cooling Water pipe | mm | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 热媒出入口径 Inlet Outlet Diameter | Inch | 2x(4x3/8") | | 2x(1×1") | | 2x(4x3/8") | | 2x(1×1") | |
| 外形尺寸 Dimension(L×W×H) | mm | 800x415x780 | | 1090x515x945 | | 800x415x780 | | 1090x515x945 | |
| 净重约 Approx.Net Weight | Kg | 83 | 86 | 130 | 162 | 85 | 88 | 135 | 167 |

注：160°C采用离心泵，180°C采用磁力泵，-HTNW -HTHPNW水电分离式。Note: 160°C adopts Centrifugal Pump, 180°C with Magnetic Pump. -HTNW -HTHPNW Water-Electricity-Separation

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





# 高温油式模温机
## HIGH TEMPERATURE OIL MTC

### 特点：

◎温控范围：300°C以内；
◎液晶显示微电脑控制器，显示实测温度和设定温度，故障直观显示，操作简单易懂，P.I.D温度精度±0.1°C；
◎采用知名品牌高温联轴泵，不易泄露，可选配磁力驱动泵；
◎具有超温保护、低水压报警、缺油保护、多重安全泄压装置，开机排气功能，关机自动降温等保护功能；
◎加热桶、主管道均采用SUS304不锈钢无缝管，耐腐蚀、不漏油，使用寿命长；
◎配备一周24小时定时功能，实现整机预约自动运行；
◎隔离式电器控制箱，延长电器使用年限；
◎可选配通讯功能，实现自动化远程管理。

### FEATURE:

◎Heating temperature range: within 300 °C;
◎LCD microcomputer controller, displaying actual temperature and set temperature, fault description, easy to operate with P.I.D ±0.1°C temperature control accuracy;
◎Quality branded high temperature coupling pumps and electromagnetic pumps are equipped to high-temp oil type and die-casting type models to ensure no oil leakage;
◎With over-temperature protection, low water inlet pressure protection, multiple safety relief devices, automatic water replenishment and start-up exhaust function, shutdown automatic cooling and other protection functions;
◎Heating barrel and main pipelines are made of all SUS304 stainless steel seamless pipes ensuring corrosion-resistant, no leakage and long working lifetime;
◎Timing function for 24 hours and weekly setting to realize automatic running;
◎Isolated electric control box for long-term service life;
◎Optional for communication function for remote automation management.



XC-TM24KW-300

XC - TM ** KW * S - W - RS / TCP / CE
- CE：CE标准接线 CE Standards
- TCP：带TCP通讯TCP communication
- RS：带RS485通讯 RS485 communication
- W：模温机选配 Type of heat transfer medium
- S：不标注为单机；2S:双机一体 2 in 1；3S:三极一体 3 in 1
- **KW:发热功率千瓦 Heating power, expressed in kilowatts

### 技术参数 SPECIFICATIONS

| 机型Model | 单位Unit | XC-TM18KW-300 | XC-TM24KW-300 | XC-TM36KW-300 | XC-TM48KW-300 | XC-TM60KW-300 |
|---|---|---|---|---|---|---|
| 温控范围Temp. Control Range | °C | 300°C | | | | |
| 温度精度Temp. Control Accuracy | °C | P.I.D±0.1°C | | | | |
| 电源Power | | AC3Φ380V 50HZ | | | | |
| 传热媒体Heat Transfer Medium | | 导热油Heat Transfer Oil | | | | |
| 冷却方式Cooling Method | | 间接冷却(Indirect Cooling) | | | | |
| 加热能量Heating Capacity | Kw | 18 | 24 | 18x2 | 24x2 | 18x3 |
| 泵浦马力Pump Power | Kw | 1.5 | 1.5 | 2.2 | 3 | 5.5 |
| 最大泵浦流量Max.Pump Flow | L/min | 133 | 133 | 166 | 210 | 330 |
| 最大泵浦压力Max.Pump pressure | $Kg/cm^2$ | 2.2 | 2.2 | 2.5 | 3.2 | 3 |
| 储油量 Oil Tank Capacity | Liter | 50 | 50 | 50 | 50 | 50 |
| 警报功能 Alert Function | | 缺相/缺油/超温/过载 Phase Loss/oil Shortage/Over-Heat/Overload | | | | |
| 冷却水配管Cooling Water Pipe | mm | 12 | 12 | 12 | 12 | 12 |
| 循环油配管Circulating Oil Pipe | Inch | 1" | 1" | 1.5" | 2" | 2" |
| 外形尺寸Dimension(LxWxH) | mm | 1170x570x1145 | | | | |
| 净重约 Approx.Net Weight | Kg | 210 | 215 | 220 | 225 | 240 |

计算公式：
电热[KW]= 模具重量[KG] x 模具比热[Kcal/(KG·°C)] x 模环温差[°C] x 安全系数 ÷ 加热时间[h] ÷ 860
注：安全系数可以在1.3-1.5之间选取

流量(L/min)=电热功率(KW) x 860 ÷ [热媒比热(Kcal/(KG·°C)) x 热媒密度(KG/L) x 进出温差(°C) x 时间(60)]

注：水比热=1Kcal/(KG·°C)
热媒油比热=0.49 Kcal/(KG·°C)
水密度=1 KG/L
热媒油密度=0.842 KG/L
单位换算1 KW=860 Kcal/h
时间换算1 h=60 min

Calculation Formula:
Heating Power[KW]= Mold Weight[KG] x Mold Heat Specific[Kcal/(KG·°C)] x Molding Temp. Difference[°C] x Safety Factor ÷ Heating Time[h] ÷ 860
Notice: Safety factor ranges from 1.3 to 1.5.

Flow Rate(L/min)=Heating Power(KW) x 860 ÷ [Medium Heat Specific(Kcal/(KG·°C)) x Medium Density(KG/L) x Inlet and Outlet Temp. Difference x Time(60)]
Note:
Water Heat Specific =1 Kcal/(KG·°C)
Heating Oil Heat Specific =0.49 Kcal/(KG·°C)
Water Density=1 KG/L
Heating Oil Density=0.842 KG/L
Unit Change: 1 KW=860 Kcal/h
Time Exchange: 1 h=60 min

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

# 压铸水式模温机
## DIE CASTING WATER MTC

### 特点:

◎采用磁力驱动泵浦和知名品牌加压泵，杜绝漏水现象；
◎采用10寸超大触摸屏人机交互，实时温度曲线查询，无纸化海量数据导出；
◎主管路均使用SUS304不锈钢无缝管，耐腐蚀、不漏油、经久耐用；
◎具有泵浦过载、超温保护、开机排气、关机自动冷却、低水压报警、多重泄压等保护功能；
◎具有易损件、耗材维护更换提醒；
◎功率输出可调节；
◎隔离式电器控制箱，延长电器使用年限；
◎配备通讯功能，可实现联网通讯，集中监控。

### FEATURE:

◎With magnetic driven pump and well-known brand booster pump, no leakage;
◎Adopt 10-inch super large touch screen human-computer interaction, real-time temperature curve query, paperless massive data export;
◎Main pipeline with SUS304 stainless steel seamless pipes, ensuring corrosion-resistance, no oil leakage and long durability;
◎Safety Functions including pump overload protection, over-heat protection, starting-up exhausting, turning-off auto cooling, low water pressure alarm, multiple pressure relieving, etc.
◎With maintenance and replacement reminders for wearing parts and consumables;
◎Adjustable power output;
◎Isolated electric controller cabinet to extend the lifetime of electric devices;
◎Default with communication function for remote automation management.



XC-DCW24KW-200

## 技术参数 SPECIFICATIONS

| 机型model | 单位unit | XC-DCW18KW 2S-200 | XC-DCW24KW 2S-200 | XC-DCW36KW 2S-200 | XC-DCW48KW 2S-200 | XC-DCW18KW -200 | XC-DCW24KW -200 | XC-DCW36KW -200 | XC-DCW48KW -200 |
|---|---|---|---|---|---|---|---|---|---|
| 温控范围 Temp.Control Range | ℃ | 200℃ | | | | | | | |
| 温度精度 Temp.Control Accuracy | ℃ | P.I.D±0.1℃ | | | | | | | |
| 电源 Power | | AcΦ 380v 50hz | | | | | | | |
| 传热媒体 Heat Transfer Medium | | 传热水 Heat Transfer Water | | | | | | | |
| 冷却方式 Cooling Method | | 间接冷却 Indirect Cooling | | | | | | | |
| 加热能量 Heating Capacity | kw | 15×2 | 20×2 | (15×2)×2 | (20×2)×2 | 15 | 20 | 15×2 | 20×2 |
| 泵浦马力 Pump Power | kw | 1.5×2 | | 2.2×2 | | 1.5 | | 2.2 | |
| 最大泵浦流量 Max.Pump Flow | L/min | 90×2 | | | | 90 | | | |
| 最大泵浦压力 Max.Pump Pressure | kg/cm² | 5×2 | | 8×2 | | 5 | | 8 | |
| 报警功能 Alert Function | | 逆相/缺水/超温/过载/高压Pump reversal/Water shortage/Overheating/Overloading/High pressure | | | | | | | |
| 冷却水配管 Cooling Water Pipe | inch | 1"×2 | | | | | | | |
| 热媒出入口径 Inlet Outlet Diameter | inch | 1"×2 | | | | 1" | | | |
| 外形尺寸 Dimension(L×W×H) | mm | 1435×600×1490 | | | | | | | |
| 净重约 Approx.Net Weight | kg | 260 | 260 | 295 | 295 | 260 | 260 | 280 | 295 |
| 注:不含高温闸阀及分水器。Note: Excluding high-temperature gate valves and water separators. | | | | | | | | | |

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





# 压铸油式模温机
## DIE CASTING OIL MTC

### 特点：

◎全系列采用磁力驱动泵，杜绝漏油现象；
◎采用10寸超大触摸屏人机交互，实时温度曲线查询，无纸化海量数据导出；
◎油箱及主管路均使用SUS304不锈钢无缝管，耐腐蚀、不漏油、经久耐用；
◎具有泵浦过载、超温保护、开机排气、关机自动冷却、缺油报警、低水压报警等保护功能；
◎具有易损件、耗材维护更换提醒；
◎功率输出可调节；
◎隔离式电器控制箱，延长电器使用年限；
◎标配通讯功能，可实现联网通讯，集中监控。

### FEATURE:

◎All series adopts magnetic drive pump to prevent oil leakage;
◎Adopt 10-inch super large touch screen human-computer interaction, real-time temperature curve query, paperless massive data export;
◎Oil Tank and main pipeline all with SUS304 stainless steel and seamless pipes, ensuring corrosion-resistance, no oil leakage and long durability;
◎Safety Functions including pump overload protection, over-heat protection, starting-up exhausting, turning-off auto cooling, oil shortage alarm, low water pressure alarm, etc.
◎With maintenance and replacement reminders for wearing parts and consumables;
◎Power output is adjustable ;
◎Isolated electric controller cabinet to extend the lifetime of electric devices;
◎Default with communication function for remote automation management.



XC-DCO36KW2S-320

## 技术参数 SPECIFICATIONS

| 机型model | 单位unit | XC-DCO18KW 2S-320 | XC-DCO24KW 2S-320 | XC-DCO36KW 2S-320 | XC-DCO48KW 2S-320 | XC-DCO18KW -320 | XC-DCO24KW -320 | XC-DCO36KW -320 | XC-DCO48KW -320 |
|---|---|---|---|---|---|---|---|---|---|
| 温控范围 Temp.Control Range | ℃ | 320℃ | | | | | | | |
| 温度精度 Temp.Control Accuracy | ℃ | P.I.D±0.1℃ | | | | | | | |
| 电源 Power | | AcΦ 380v 50hz | | | | | | | |
| 传热媒体 Heat Transfer Medium | | 传热油 Heat Transfer Oil | | | | | | | |
| 冷却方式 Cooling Method | | 间接冷却 Indirect Cooling | | | | | | | |
| 加热能量 Heating Capacity | kw | 15×2 | 20×2 | (15×2)×2 | (20×2)×2 | 15 | 20 | 15×2 | 20×2 |
| 泵浦马力 Pump Power | kw | 1.1×2 | | 1.5×2 | 3×2 | 1.1 | | 1.5 | 3 |
| 最大泵浦流量 Max.Pump Flow | L/min | 60×2 | | 90×2 | 140×2 | 60 | | 90 | 140 |
| 最大泵浦压力 Max.Pump Pressure | kg/cm² | 5×2 | 5×2 | 6×2 | 6×2 | 5 | 5 | 6 | 6 |
| 储油量 Oil Tank Capacity | liter | 50 | | 60 | | 50 | | 60 | |
| 报警功能 Alert Function | inch | 缺相/缺油/超温/过载/phase loss/oil shortages/over heat/overload（泵浦反转回油Oil return by pump reversa） | | | | | | | |
| 冷却水配管 Cooling Water Pipe | inch | 3/4 | | | | | | | |
| 热媒出入口径 Inlet Outlet Diameter | mm | 1"×2 | | | | 1" | | | |
| 外形尺寸 Dimension(L×W×H) | mm | 1435×620×1490 | | | | 1320×560×1145 | | | |
| 净重约 Approx.Net Weight | kg | 260 | 260 | 280 | 295 | 260 | 260 | 210 | 210 |
| 注:不含高温闸阀及分水器。Note: Excluding high-temperature gate valves and water separators. | | | | | | | | | |

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

# 自适应智能节能型大型输送破碎回收+金属探测+粉尘回收生产线

# Adaptive Intelligent Energy-Saving Large Scale Recycling Production Line for Crushing, Conveying, Metal Detection and Dust Separation

1、静音破碎机 Soundproof Granulator
2、自适应智能节能破碎机控制系统 Adaptive Intelligent Energy-Saving Granulator Control System
3、传送带 Conveyor
4、回收系统 Recycling System
5、自动筛粉装置 Powder Sifting Device
6、金属探测器 Metal Detector






# 自适应智能节能破碎机控制系统

## ADAPTIVE INTELLIGENT ENERGY-SAVING GRANULATOR CONTROL SYSTEM

该产品可用于携成GY/GD/GP/GV/GB系列破碎机以及所有集中静音破碎机搭配使用，也可用于对市面上破碎机进行节能改造，对比普通机型同等工况下可实现20%-40%的节能。

This product can be used with GY/GD/GP/GV/GB series granulators and all soundproof granulator with collector. It can also enables energy-saving retrofits for the market-available granulator. Compared with ordinary models, it can save 20%-40% of energy under the same working conditions.




### 特点：

◎配备自适应智能节能控制系统，系统可实时监测机台负载变化，根据实时负载数据，采用PWM调节技术，自动调节电压、电流输出，节能型对比普通机型同等工况下可节能20%-40%；
◎采用可控硅控制，响应速度、可靠性及安全性更高，抗震动及防粉尘方面表现更好；
◎采用液晶显示微电脑控制器，配备相序检测功能，料位检测功能，回收风机及筛粉风机控制功能；
◎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:

◎Equipped with an adaptive intelligent energy-saving control system, the system can continuously monitor the load changes of the machine in real-time. Based on the real-time load data, it uses PWM (Pulse Width Modulation) control technology to automatically adjust the output voltage and current. Compared with ordinary models, can save energy by 20%-40% under the same working conditions;
◎Adpoted silicon-controlled rectifier (SCR) control, offer higher response speed, reliability and safety. Perform better in terms of anti-vibration and dust-proof capabilities;
◎Equipped with the touch screen display, with phase sequence detection , material level detection function, control functions for the recycling and the powder sifting blower;
◎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

| 规格 Specifications | 功率(KW) Power | 适配机型 Model compatibility | 电压 Voltage |
|---|---|---|---|
| XC-GES5HP | 4 | 1.5~5HP | 220v/380v/415v 440v/460v/480v |
| XC-GES15HP | 11 | 7.5~15HP | |
| XC-GES30HP | 22 | 20~30HP | |
| XC-GES60HP | 45 | 40~60HP | |
| XC-GES100HP | 75 | 75~100HP | |
| XC-GES150HP | 132 | 150~180HP | |

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





# GB系列破碎机

## GB SERIES GRANULATOR

### 特点：

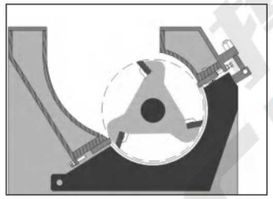
◎针对大型中空瓶、大型中空桶独特的前置刀型专利设计，独特的切削角度和超大切削空间设计，效率极高，成片均匀，粉末少；
◎投料斗四面双层隔音设计，内层采用不锈钢材质，中间填充隔音材料，静音效果好；
◎刀具采用高强度合金工具钢，硬度高，耐磨性强，刀片磨削可重复使用；
◎采用内六角螺丝沉孔安装，不会因为长时间使用而磨损螺丝；
◎≥75HP以上投料斗及筛网托架配备气缸系统，其他小型号可选配；
◎机架采用专利结构设计，承重能力更强，工作时震动更小；
◎可选配自动回收及自动筛粉系统，达到更好的收集效果。



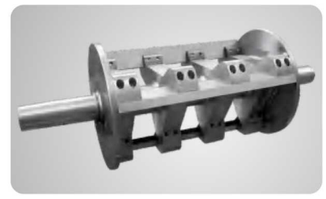
XC-GB30HP
标准配置
Standard Application

### FEATURE:

◎Special patent front-positioning blade design especially for hallow material like big size bottles and barrels, unique cutting angle and large cutting space design, excellent efficiency, even flake output and less powder occurred;
◎Feeding hopper with double-layered on 4 sides and the inner layer is made of stainless steel with insulation material in between to provide good noise handling;
◎Blades are made of high-strength alloy tool steel, with high hardness, good abrasion resistance, and long service life;
◎Adopted hexagon socket screw installation way of the blades, free from wearing lose on screws in long term utility;
◎≥ 75HP equipped with cylinder system on feeding hopper and mesh holder, optional for other small models as well;
◎Patent designed foot stand, with heavy duty capability and low vibration in running;
◎Optional for auto collecting and auto powder sifting device for better collecting purposes.







GB刀架
GB cutter saddle

### 技术参数 SPECIFICATIONS

| 型号 Model | | XC-GB20HP | XC-GB30HP | XC-GB50HP | XC-GB75HP | XC-GB100HP |
|---|---|---|---|---|---|---|
| 破碎口径/Grinding Chamber(mm) | | 530x400 | 660x450 | 830x520 | 1100x740 | 1100x740 |
| 功率/Power | Kw | 15 | 22 | 37 | 55 | 75 |
| | Hp | 20 | 30 | 50 | 75 | 100 |
| 粉碎能力/Grinding Capacity(KG) | | 300-550 | 400-550 | 750-1080 | 800-1200 | 800-1200 |
| 固定刀/Stationary Cutter | | 2 | 4 | 4 | 4 | 4 |
| 旋转刀/Rotary Cutter | | 3 | 6 | 6 | 9 | 9 |
| 筛网孔径 Mesh size (mm) | | Φ14 | Φ14 | Φ16 | Φ16 | Φ16 |
| 破瓶参考尺寸/ Barrel size (mm) | | Φ260x490 | Φ330x490 | Φ420x780 | Φ600x1000 | Φ600x1000 |
| 外形尺寸/Dimensions(LxWxHxH1 mm) | | 1430x1120x1930x1458 | 1650x1330x2050x1550 | 2000x1610x2690x2030 | 2450x1940x3460x2710 | 2450x1940x3460x2710 |

注: H1代表地面离投料口高度
Note: H1 means the height of the ground from the feeding 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.

# 爪型/平型破碎机
## CLAW/FLAT TYPE GRANULATOR

### 特点：

◎刀架采用高硬度钢质材料，前置刀片专利设计，强度更高，加大刀片切削角度，提高切削效率，成型颗粒形状均匀，粉末少。分爪型、平型两种，适用面更加广；爪型刀尤其针对大块胶头料或硬度较高的材料效果更好；
◎刀具采用高强度合金工具钢，硬度高，耐磨性强，刀片磨削可重复使用；
◎采用内六角螺丝沉孔安装，不会因为长时间使用而磨损螺丝；
◎投料斗四面双层隔音设计，内层采用不锈钢材质，中间填充隔音材料，静音效果好；
◎≥30HP以上机器箱体配备冷却系统，可有效的降低粉碎室和轴承的温度，避免粉碎料融结和提高轴承的使用寿命；
◎≧75HP以上投料斗及筛网托架配备气缸开启系统，其他小型号可选配；
◎机架采用专利结构设计，承重能力更强，工作时震动更小；
◎可选配自动回收及自动筛粉系统，达到更好的收集效果；
◎可定制破碎PA66/PA6+20%-50%GF材料专用机型，可大幅提高机器的使用寿命。

### FEATURE:

◎Blade sets made of high hardness steel adopted with patent front-positioning blades design enlarging cutting angle and increasing cutting efficiency. Hence the output granules are even and with less powder or dust occurred. Models are divided into claw and flat types with wide applications. And the claw type blades are especially suitable for larger and harder subjects like injection lump plastics, etc.
◎Blades are made of high - strength alloy tool steel, with high hardness, good abrasion resistance, and long service life.
◎Adopted hexagon socket screw installation way of the blades, free from wearing lose on screws in the long-term utility.
◎Feeding hopper with double-layered on 4 sides and the inner layer is made of stainless steel with insulation material in between to provide good noise handling;
◎≥ 30HP default with chamber cooling system, effectively reducing the heat of chamber and shaft to ensure long durability and preventing material melting and fusion;
◎≥ 75HP equipped with cylinder system on feeding hopper and mesh screen, optional for other small models as well;
◎Patent designed foot stands with heavy duty capability and low vibration in running;
◎Optional for auto collecting and auto powder sifting device for better collecting purposes;
◎Available of tailor-made special models with much better durability and life span on processing materials of PA66/PA6+20%-50% GF.

XC－GY X F Q ** HP － SP － **

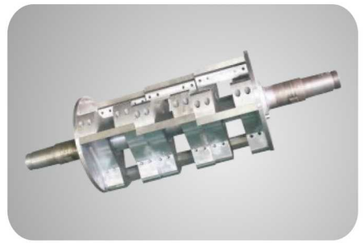
- 选装件 Option
- 集中静音 Soundproof
- 马力 Power
- 牵引装置 Traction device
- 玻纤机型 Glass fiber standard
- 高配机型 Deluxe standard
- 爪型/平型/GB系列破碎机 Claw/Flat/GB series crusher



**XC-GYX30HP**
**Deluxe CE Standard 高配CE标准**



GY爪型刀架
GY claw cutter saddle

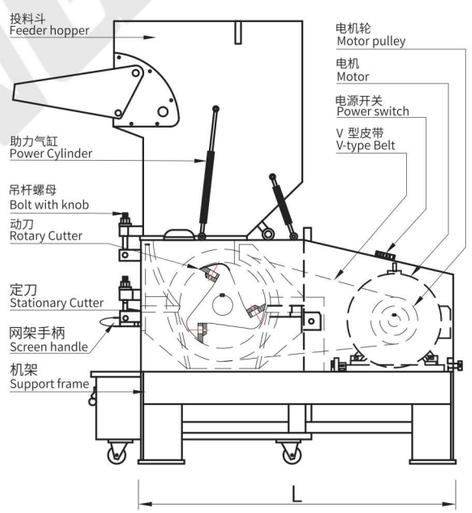


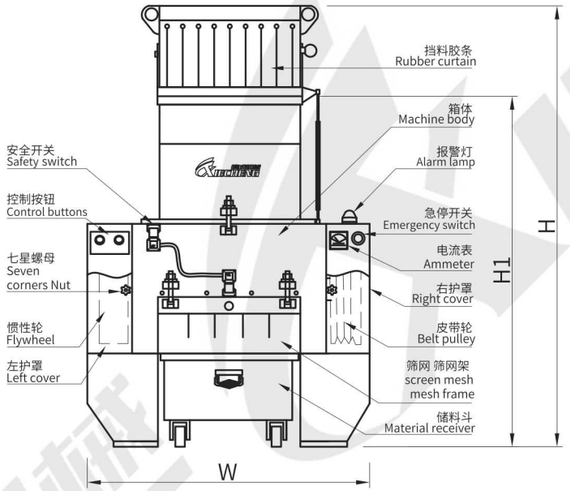
GD 平型刀架
GD flat cutter saddle





## 结构简图 STRUCTURE DIAGRAM




## 技术参数 SPECIFICATIONS

| 型号 Model | XC-GD10HP | XC-GD15HP | XC-GD20HP | XC-GD30HP | XC-GD50HP | XC-GD75HP | XC-GD100HP | XC-GD150HP |
|---|---|---|---|---|---|---|---|---|
| | XC-GD10HP-SP | XC-GD15HP-SP | XC-GD20HP-SP | XC-GD30HP-SP | XC-GD50HP-SP | XC-GD75HP-SP | XC-GD100HP-SP | XC-GD150HP-SP |
| 粉碎口径/Grinding Chamber(mm) | 360x260 | 420x280 | 480x330 | 660x350 | 720x500 | 955x820 | 1050x820 | 1445x900 |
| 粉碎能力/Grinding Capacity(KG/H) | 170-340 | 255-420 | 300-460 | 420-680 | 680-1000 | 700-1200 | 850-1400 | 1200-1800 |
| 固定刀/Stationary Cutter | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 6 |
| 旋转刀/Rotary Cutter | 6 | 6 | 6 | 9 | 9 | 12 | 12 | 15 |
| 筛网孔径/mesh size (mm) | Φ10 | Φ10 | Φ10 | Φ12 | Φ12 | Φ12 | Φ12 | Φ14 |
| 功率/Power KW | 7.5 | 11 | 15 | 22 | 37 | 55 | 75 | 110 |
| 功率/Power HP | 10 | 15 | 20 | 30 | 50 | 75 | 100 | 150 |
| 外形尺寸/Dimensions(LxWxHxH1 mm) | 1000x830x1270x960 | 1200x995x1540x1215 | 1300x1075x1725x1350 | 1500x1330x1880x1480 | 2000x1535x2470x1914 | 2420x2050x3500x2460 | 2420x2145x3500x2460 | 2600x2710x3820x2800 |
| 净重约/Approx. Net Weight(KG) | 540 | 800 | 1023 | 1723 | 2750 | 5400 | 6250 | 9400 |
| 静音尺寸/Dimension for sp(LxWxHxH1mm) | 1250x880x1500x1190 | 1420x1020x1760x1440 | 1500x1140x1920x1540 | 1750x1400x2140x1735 | 2150x1570x2770x2200 | 2630x2070x3760x2720 | 2630x2165x3760x2720 | 2600x2710x4100x3020 |
| 回收风机功率/Collective Blower(KW) | 2.2 | 2.2 | 2.2 | 3 | 4 | 5.5 | 7.5 | 7.5 |
| 静音重量约/Approx.N.W.for sp(KG) | 750 | 1180 | 1400 | 2280 | 3630 | 5900 | 6500 | 10400 |
| 备注：型号"SP"代表集中静音破碎机。PS.："SP" stands for soundproof granulator with collecting device. | | | | | | | | |

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

## 技术参数 SPECIFICATIONS

| 型号 Model | XC-GY10HP | XC-GY15HP | XC-GY20HP | XC-GY30HP | XC-GY50HP | XC-GY75HP | XC-GY100HP | XC-GY150HP |
|---|---|---|---|---|---|---|---|---|
| | XC-GY10HP-SP | XC-GY15HP-SP | XC-GY20HP-SP | XC-GY30HP-SP | XC-GY50HP-SP | XC-GY75HP-SP | XC-GY100HP-SP | XC-GY150HP-SP |
| 粉碎口径/Grinding Chamber(mm) | 360x260 | 420x280 | 480x330 | 660x350 | 720x500 | 955x820 | 1050x820 | 1445x900 |
| 粉碎能力/Grinding Capacity(KG/H) | 200-400 | 300-500 | 350-550 | 500-800 | 800-1200 | 850-1300 | 1000-1500 | 1400-2000 |
| 固定刀/Stationary Cutter | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 6 |
| 旋转刀/Rotary Cutter | 18 | 21 | 24 | 27 | 27 | 30 | 33 | 45 |
| 筛网孔径/mesh size (mm) | Φ10 | Φ10 | Φ10 | Φ12 | Φ12 | Φ12 | Φ12 | Φ14 |
| 功率/Power KW | 7.5 | 11 | 15 | 22 | 37 | 55 | 75 | 110 |
| 功率/Power HP | 10 | 15 | 20 | 30 | 50 | 75 | 100 | 150 |
| 外形尺寸/Dimensions(LxWxHxH1 mm) | 1000x830x1270x960 | 1200x995x1540x1215 | 1300x1075x1725x1350 | 1500x1330x1880x1480 | 2000x1535x2470x1914 | 2420x2050x3500x2460 | 2420x2145x3500x2460 | 2600x2710x3820x2800 |
| 净重约/Approx. Net Weight(KG) | 540 | 835 | 1100 | 1810 | 2750 | 5400 | 6250 | 10000 |
| 静音尺寸/Dimension for sp(LxWxHxH1mm) | 1250x880x1500x1190 | 1420x1020x1760x1440 | 1500x1140x1920x1540 | 1750x1400x2140x1735 | 2150x1570x2770x2200 | 2630x2070x3760x2720 | 2630x2165x3760x2720 | 2600x2710x4100x3020 |
| 回收风机功率/Collective Blower(KW) | 2.2 | 2.2 | 2.2 | 3 | 4 | 5.5 | 7.5 | 7.5 |
| 静音重量约/Approx.N.W.for sp(KG) | 860 | 1180 | 1400 | 2280 | 3630 | 5900 | 9000 | 11000 |
| 备注：型号"SP"代表集中静音破碎机。PS.："SP" stands for soundproof granulator with collecting device. | | | | | | | | |

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

# GWV系列高效破碎机

## GWV SERIES HIGH EFFICIENCY GRANULATOR

GWV系列高效破碎机是携成研发工程师16年来，结合全球用户的共性需求开发的一款模块化、高性能的破碎机，此机型可以在大部分塑料粉碎回收中应用，尤其针对薄膜、PET矿泉水瓶、型材、管材和板材，吹塑件、注塑件都是最理想的选择，该机型采用外置轴承，箱体可以双向打开方便清理、维护，具有产量高、耐磨耐用、维护简便等显著优点。

The GWV Series High Efficiency Granulator is a modular, high-performance granulator developed by Xiecheng's R&D engineers over 16 years, based on the common needs of global users. This model can be applied to the crushing and recycling of most plastics, and is an ideal choice especially for films, PET mineral water bottles, profiles, pipes and sheets, as well as blow-molded and injection-molded parts. Featuring externally mounted bearings and a chamber that can be opened from both sides for easy cleaning and maintenance, it offers notable advantages such as high output, wear resistance, durability, and easy maintenance.



### 特点：

◎独特的剪刀型刀架结构，切削效率更高；
◎外置轴承设计，轴承座独立于箱体，减少轴承损坏几率；
◎倾斜式上下对开箱体，便于清理、维护及检修；
◎箱体内左右两端侧板采用可更换的高强度耐磨钢板，延长机器使用寿命；
◎刀具采用高强度合金工具钢，硬度高，耐磨性强，刀片磨削可重复使用；
◎采用内六角螺丝沉孔安装，不会因为长时间使用而磨损螺丝；
◎投料斗四面双层隔音设计，中间填充隔音材料，有效降低噪音；
◎独立控制电箱，标配自动回收系统，自动送料，提高效率；
◎具有多项安全保护装置，确保操作安全。
◎采用多排刀设计，600-800型配备3排刀，1100型配备5排刀，1200型配备7排刀，以适配不同物料破碎，提高产量，达到更好的破碎效果；

### FEATURE:

◎ Unique scissor-type blade holder structure for higher cutting efficiency;
◎ External bearing design, with bearing housing independent of the chamber, reducing the risk of bearing damage;
◎ Inclined, split chamber design that opens top and bottom for easy cleaning, maintenance, and inspection;
◎ Replaceable high-strength wear-resistant steel side plates inside both ends of the chamber to extend machine service life;
◎ Blades made of high-strength alloy tool steel, with high hardness, good abrasion resistance, and reusable after sharpening;
◎ Adopted hexagon socket screw countersunk installation, preventing screw wear from long-term use;
◎ Feeding hopper with four-side double-layer design, filled with soundproofing material in between, effectively reducing noise;
◎ Independent control panel, standard with automatic collecting system for automatic feeding, improving efficiency;
◎ Multiple safety protection devices to ensure operational safety;
◎ Multi-row blade design: Model 600-800 equipped with 3 rows of blades, Model 1100 with 5 rows, and Model 1200 with 7 rows, to adapt to crushing different materials, increase output, and achieve better crushing results.





### V型刀架：

V型刀架适合破碎大多数类型的物料。其动刀由高强度刀架稳固支撑，可承受较大的冲击力。独特的V型动刀排布，配合定刀从转子两端向中间行成双向剪切，使物料向箱体中间集中，避免物料在箱体两侧堆积，降低能耗，减少刀具和箱体侧壁的磨损，有效提高产量。

### V-Shaped Blade Holder:

The V-shaped blade holder is suitable for crushing most types of materials. Its rotating blades are firmly supported by the high-strength holder, enabling them to withstand significant impact forces. The unique V-shaped arrangement of the rotating blades, working in conjunction with the stationary blades, creates a double shear action from both ends of the rotor towards the center. This concentrates the material in the middle of the chamber, preventing accumulation on both sides, thereby reducing energy consumption, minimizing wear on the blades and chamber side walls, and effectively increasing output.



V型刀架
V-Shaped Blade Holder

### 技术参数 SPECIFICATIONS

| 型号 Model | | XC-GWV600 | XC-GWV800 | XC-GWV1100 | XC-GWV1200 | XC-GWV1600 |
|---|---|---|---|---|---|---|
| 粉碎口径/Grinding Chamber(mm) | | 610×330 | 820×330 | 1100×560 | 1200×700 | 1600×700 |
| 粉碎能力/Grinding Capacity(Kg/h) | | 180-320 | 250-390 | 700-1000 | 800-1200 | 1500-2000 |
| 固定刀/Stationary Cutter | | 4 | 4 | 4 | 4 | 6 |
| 旋转刀/Rotary Cutter | | 6 (3排刀Rows) | 6 (3排刀Rows) | 10 (5排刀Rows) | 14 (7排刀Rows) | 14 (7排刀Rows) |
| 筛网孔径 Mesh Size (mm) | | Φ12 | Φ12 | Φ12 | Φ14 | Φ14 |
| 功率/Power | Kw | 15 | 22 | 55 | 75 | 110 |
| | Hp | 20 | 30 | 75 | 100 | 150 |
| 外形尺寸/Dimension(DxWxH1 mm) | | 1220×1200×2300 | 1420×1300×2300 | 1950×2200×3200 | 2050×2200×3200 | 2500×2750×3400 |
| 净重约/Approx. Net Weight(Kg) | | 1600 | 1900 | 5500 | 5800 | 7200 |
| 静音尺寸/Dimension For Sp(mm) | | 1620×1600×2300 | 1820×1700×2300 | 2450×2700×3200 | 2600×2700×3200 | 3000×3200×3400 |
| 回收风机功率/Collective Blower(Kw) | | 2.2 | 3 | 7.5 | 7.5 | 7.5 |
| 静音重量约/Approx.N.W.For Sp(Kg) | | 1900 | 2200 | 6000 | 6300 | 7500 |

备注：型号"SP"代表集中静音破碎机。PS.: "SP" stands for soundproof granulator with collecting device.

**说明：此粉碎能力根据PET矿泉水瓶计算，不同产品粉碎能力不相同。Note: The capacities are based on PET water bottles and may differ with other materials.**

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

# 片型破碎机
## FLAKE TYPE GRANULATOR

### 特点：

◎片型刀结构设计，适合破碎普通片材、管材、型材、板材及包装材料等塑料制品、浇道口物料；
◎投料斗前后双层隔音设计，中间填充隔音材料，有效降低噪音；
◎刀具采用高强度合金工具钢，硬度高，耐磨性强，刀片磨削可重复使用；
◎具有多项安全保护装置，确保操作安全；
◎≥30HP以上机器箱体配备冷却系统，可有效的降低粉碎室和轴承的温度，避免粉碎料融结和提高轴承的使用寿命；
◎≧75HP以上投料斗及筛网托架配备气缸开启系统，其他小型号可选配；
◎可选配自动回收及自动筛粉系统，达到更好的收集效果。

### FEATURE:

◎Flake type blade design, suitable for crushing general plastics like sheets, tube, profiles and packing materials, also runners, etc;
◎Feeding hopper with back and front double layered insulation for effective noise handling;
◎Blades are made of high-strength alloy tool steel, with high hardness, good abrasion resistance, and long service life;
◎Equipped with multiple safety protection devices to ensure safe operation
◎≥ 30HP default with chamber cooling system, effectively reducing the heat of chamber and shaft to ensure long durability and preventing material melting and fusion;
◎≥ 75HP equipped with cylinder system on feeding hopper and mesh holder, optional for other small models as well;
◎Optional for auto collecting and auto powder sifting device for better collecting purposes.



**XC-GP500**
**Standard Application 标准配置**

XC－GP X F Q ** － SP － **

- 选装件 Option
- 集中静音 Soundproof
- 粉碎口径 Grinding Chamber
- 牵引装置Traction device
- 玻纤机型 Glass fiber standard
- 高配机型 Deluxe standard
- GP/GV：片型/V型破碎机 Flake/V type crusher



筛网 screen mesh
筛网之孔径决定破碎颗粒大小，可根据客户要求订做。
The mesh size determines the size of the crushed material and can be customized according to customer requirements.



片型刀架
Flake cutter saddle

## 技术参数 SPECIFICATIONS

| 型号 Model | XC-GP230 | XC-GP300 | XC-GP400 | XC-GP500 | XC-GP600 | XC-GP800 | XC-GP960 | XC-GP1100 | XC-GP1200 |
|---|---|---|---|---|---|---|---|---|---|
| | XC-GP230-SP | XC-GP300-SP | XC-GP400-SP | XC-GP500-SP | XC-GP600-SP | XC-GP800-SP | XC-GP960-SP | XC-GP1100-SP | XC-GP1200-SP |
| 粉碎口径/Grinding Chamber(mm) | 230x200 | 310x200 | 410x240 | 510x300 | 610x330 | 815x470 | 960x610 | 1100x800 | 1200x800 |
| 粉碎能力/Grinding Capacity(Kg/h) | 100-150 | 150-200 | 200-250 | 300-350 | 350-450 | 450-600 | 800-1000 | 1000-1200 | 1000-1500 |
| 固定刀/Stationary Cutter | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 |
| 旋转刀/Rotary Cutter | 6 | 9 | 12 | 15 | 18 | 24 | 30 | 33 | 36 |
| 筛网孔径 Mesh Size (mm) | Φ8 | Φ8 | Φ8 | Φ10 | Φ10 | Φ10 | Φ12 | Φ12 | Φ12 |
| 功率/Power Kw | 4 | 5.5 | 7.5 | 11 | 15 | 22/30 | 37/45/55 | 75 | 75 |
| 功率/Power Hp | 5 | 7.5 | 10 | 15 | 20 | 30/40 | 50/60/75 | 100 | 100 |
| 外形尺寸/Dimensions(LxWxHxH1 mm) | 800x660x1120x875 | 920x725x1200x960 | 980x810x1260x985 | 1200x970x1570x1230 | 1200x1070x1670x1300 | 1600x1555x2190x1670 | 2000x1725x2720x2050 | 2420x2200x3430x2380 | 2420x2300x3430x2380 |
| 净重约/Approx. Net Weight(Kg) | 277 | 420 | 500 | 805 | 940 | 2000 | 3000 | 6000 | 6500 |
| 静音尺寸/Dimension For Sp(mm) | 1020x730x1320x1075 | 1250x830x1530x1280 | 1350x930x1590x1320 | 1560x1070x1784x1440 | 1560x1170x1870x1500 | 1900x1510x2460x1940 | 2150x1794x2990x2320 | 2630x2280x3800x2760 | 2630x2380x3800x2760 |
| 回收风机功率/Collective Blower(Kw) | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 3 | 4/5.5 | 7.5 | 7.5 |
| 静音重量约/Approx.N.W.For Sp(Kg) | 400 | 535 | 604 | 1220 | 1420 | 2380 | 3500 | 6500 | 6800 |

备注：型号"SP"代表集中静音破碎机。PS.："SP" stands for soundproof granulator with collecting device.

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





# 集中静音破碎机
## SOUNDPROOF GRANULATOR WITH COLLECTOR

### 特点：

◎机身采用全封闭式结构，配备隔音装置，可有效降低粉碎时所产生的噪音；
◎配备电流继电器，具有马达过载保护、相序保护等多重安全保护装置；
◎标配送料风机及旋风器，可自动送料，提高效率；
◎配备粉尘收集布袋，便于清理，减少污染；
◎≧15HP以上投料斗配备助力气弹簧，≧30HP以上投料斗和筛网托架配备气缸系统，节省人力；
◎配备避震脚，可有效减少工作时产生的震动；
◎可选配自动筛粉装置。

### FEATURE:

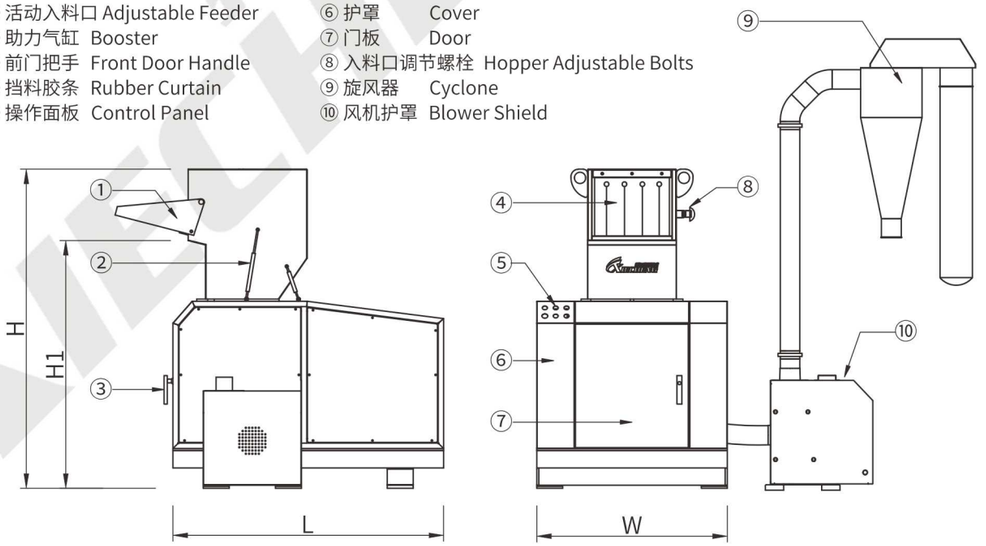
◎Optimized fully hermetic structure with soundproof insulation, ensuring minimal noise during the crushing process;
◎Equipped with current relay, multiple safety devices including motor overload and phase protectors etc;
◎Adopted blower and cyclone, can automatically feed materials and improve efficiency;
◎Equipped with dust collecting bag for handy cleaning;
◎≥15HP with Power-assisted air spring for feeding hopper, ≥ 30HP default with cylinder on hopper and mesh holder, save labor;
◎Default with level pad to reduce the vibration when machine running.
◎Optional for Auto Powder Sifting Device.



**XC-GY20HP-SP**
**标配静音集中破碎机**
**Standard Soundproof Granulator With Collector**

## 结构简图 STRUCTURE DIAGRAM

① 活动入料口 Adjustable Feeder
② 助力气缸 Booster
③ 前门把手 Front Door Handle
④ 挡料胶条 Rubber Curtain
⑤ 操作面板 Control Panel
⑥ 护罩 Cover
⑦ 门板 Door
⑧ 入料口调节螺栓 Hopper Adjustable Bolts
⑨ 旋风器 Cyclone
⑩ 风机护罩 Blower Shield



# 片材在线破碎机
## EDGE ONLINE GRANULATOR

片材在线破碎机专为与片材、板材、吸塑成型等挤出生产线配套连线而设计。在生产运行中，片板材两侧会产生连续的边料。为确保边料保持洁净、干燥状态，该破碎机通过牵引装置将边料压实，随即送入粉碎室切削成均匀的片状碎料，经送料风机将其吹送到挤出机的料斗位置，再经片板材挤出机上面的小型螺杆与主螺杆一起将新料、回收料压送成型循环利用。也可通过送料风机直接吹送入混料机中混合搅拌使用，从而实现边料的100%在线回收利用，节约生产成本，优化生产流程管理。

The Edge online granulator is specially designed for matching and connecting with extrusion production lines such as sheet, plate and blister forming lines. During production operation, continuous edge trimmings are generated on both sides of sheets and plates. To ensure the edge trimmings remain clean and dry, the granulator compacts the edge trimmings through a traction device, then feeds them into the crushing chamber to cut them into uniform flake scraps. The scraps are blown to the hopper of the extruder by a feeding blower, and then the new materials and recycled materials are conveyed and formed for circular utilization by a small screw and the main screw on the sheet and plate extruder together. They can also be directly blown into a mixer for mixing by the blower, thus realizing 100% online recycling of edge trimmings, saving production costs and optimizing production process management.



### 特点：

◎各种软硬边料经牵引系统自动牵引至粉碎室粉碎，无需人工参与；
◎牵引电机采用变频调速，可根据需求调整牵引速度；
◎配备物料缺少或牵引过快限位开关，实现牵引装置的牵引速度与成型机生产线速度同步；
◎刀架采用剪刀型结构设计，切削效率更高；
◎刀具采用DC53/特殊钢制造而成，硬度高、韧性好、耐磨性强，便于粉碎各种软硬边料，粉碎能力强；
◎外置轴承设计，轴承座独立于箱体，减少轴承损坏几率；
◎送料风机采用独特的叶轮设计，增大风量，输送能力强且运行稳定；
◎机身采用全封闭结构，配备隔音装置，可有效降低粉碎时所产生的噪音；
◎具有马达过载、相序保护、限位保护等多项安全保护装置，确保操作安全；
◎配备避震脚，可有效减少工作时产生的震动；
◎粉碎回收边角料的厚度范围为0.2~3.5mm。

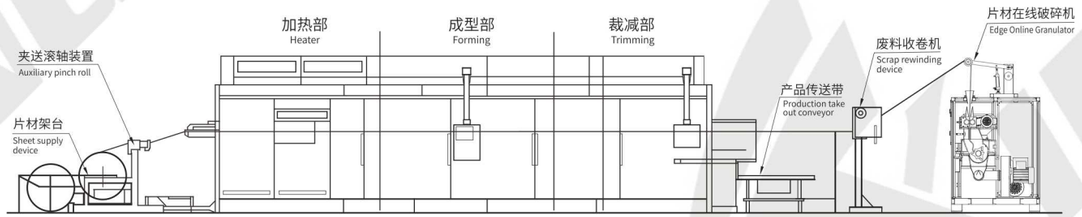
### FEATURE:

◎ Various hard and soft edge trimmings are automatically pulled to the crushing chamber for crushing by the traction system without manual intervention.
◎ The traction motor adopts frequency conversion speed regulation, and the traction speed can be adjusted according to requirements.
◎ Equipped with limit switches for material shortage or excessive traction speed to realize the synchronization of the traction speed of the traction device with the production line speed of the forming machine.
◎ The cutter saddle adopts a scissor-type structural design with higher cutting efficiency.
◎ The cutters are made of DC53/special steel, featuring high hardness, good toughness and strong wear resistance, suitable for crushing various hard and soft edge trimmings with strong crushing capacity.
◎ External bearing design with the bearing seat independent of the box body reduces the probability of bearing damage.
◎ The feeding blower adopts a unique impeller design, increasing air volume, with strong conveying capacity and stable operation.
◎ The body adopts a fully enclosed structure with a sound insulation device, which can effectively reduce the noise generated during crushing.
◎ Equipped with multiple safety protection devices such as motor overload protection, phase sequence protection and limit protection to ensure operational safety.
◎ Fitted with shock-absorbing feet to effectively reduce vibration during operation.
◎ The thickness range of crushed and recycled edge trimmings is 0.2~3.5mm..



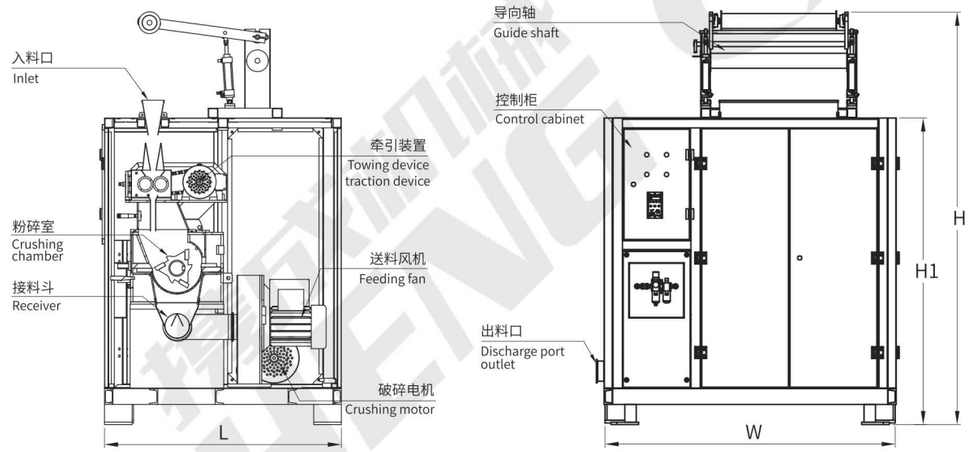


### 安装示意图 INSTALLATION DIAGRAM




在线破碎机搭配吸塑成型生产线示意图
Schematic Diagram of an Edge Online Granulator Integrated with a Blister Forming Production Line

### 结构简图 STRUCTURE DIAGRAM




### 技术参数 SPECIFICATIONS

| 型号 Model | | XC-GEO400 | XC-GEO600 | XC-GEO800 | XC-GEO1000 | XC-GEO1200 |
|---|---|---|---|---|---|---|
| 粉碎口径/Grinding Chamber(mm) | | 400×260 | 600×260 | 800×330 | 1000×330 | 1200×330 |
| 粉碎能力/Grinding Capacity(Kg/h) | | 100-200 | 150-300 | 300-500 | 600-800 | 600-800 |
| 固定刀/Stationary Cutter | | 2 | 4 | 4 | 6 | 6 |
| 旋转刀/Rotary Cutter | | 6 | 6 | 6 | 9 | 9 |
| 筛网孔径 Mesh Size (mm) | | Φ10 | Φ10 | Φ10 | Φ12 | Φ12 |
| 功率/Power | Kw | 4 | 7.5 | 11 | 15 | 22 |
| | Hp | 5 | 10 | 15 | 20 | 30 |
| 外形尺寸/Dimension(LxWxH1**Hmm) | | 1350×1200×1500×2100 | 1550×1200×1560×2200 | 1750×1300×1660×2300 | 1950×1400×1760×2400 | 2150×1500×1760×2400 |
| 回收风机功率/Collective Blower(Kw) | | 3 | 4 | 5.5 | 7.5 | 7.5 |

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

# 碎料自动回收系统
## GRANULATING AUTO COLLECTING SYSTEM

### 特点：

◎回收风机采用独特设计，风力大、叶片耐磨性强，风叶拆装便捷，容易清洁；
◎可与任意型号破碎机搭配使用；
◎经破碎机破碎过的碎料自动回收，无需人工参与；
◎管道及回收桶采用不锈钢材料制作，防止物料不受污染；
◎配置集尘装置，收集粉尘，防止空气污染；
◎拆装、清理方便快捷。

### FEATURE:

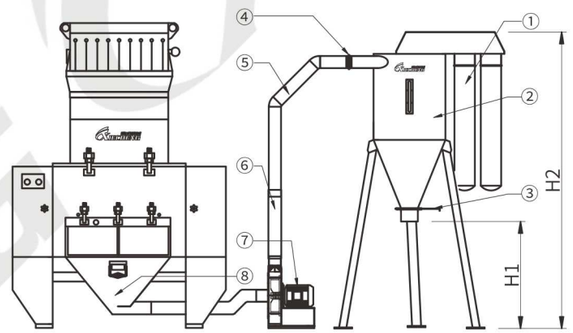
◎Recycling blower is uniquely designed with strong wind power, wear-resistant paddle, convenient disassembly and easy cleaning;
◎Compatible with all series of granulators;
◎Automatic collecting regrinds from crusher, no need manual involvement required;
◎Pipes and recycling silo are made of stainless steel to prevent materials from being contaminated;
◎Equipped with dust collection device to collect dust and prevent air pollution;
◎Easy and fast to disassemble and clean.



XC－HS－** HP
- 马力 Power
- 自动回收系统 Collecting system

### 结构简图 STRUCTURE DIAGRAM

① 集尘袋 Dust Collecting Bag
② 储料桶 Hopper Tank
③ 抽拉板 Baffle
④ 快装接头 Quick Joint
⑤ 不锈钢管 Stainless Steel Pipe
⑥ PCV钢丝管 PVC Pipe
⑦ 送料风机 Loading Blower
⑧ 接料斗 Receiver




### 技术参数 SPECIFICATIONS

| 型号 Model | | XC-HS3HP | XC-HS4HP | XC-HS5HP | XC-HS7.5HP | XC-HS10HP |
|---|---|---|---|---|---|---|
| 马达Motor Power | | 2.2KW/3HP | 3KW/4HP | 4KW/5HP | 5.5KW/7.5HP | 7.5KW/10HP |
| 配管直径Loading Pipe Diameter (mm) | | Φ89 | Φ102 | Φ102 | Φ127 | Φ127 |
| 输送高度Lift(m) | | 3 | 4 | 5 | 5 | 5 |
| 储料桶容量Hopper Capacity(Kg) | | 100 | | | 200 | |
| 适配破碎机型Suitable Crusher Model(Hp) | | 5~20 | 30~40 | 50 | 75 | 100 |
| 回收桶高度 Height of Collecting Tank(mm) | H1 | 970 | 970 | 970 | 1075 | 1075 |
| | H2 | 2850 | 2850 | 2850 | 2950 | 2950 |

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# 自动筛粉装置
## AUTO POWDER SIFTING DEVICE

### 特点：

◎本装置为配合各系列强力粉碎机产品使用，粉碎机在碎料过程中会产生一定的细小粉末，此装置的作用就是将这些粉末自动分离开；
◎采用自动送料，利用真空吸料原理，把粉碎料自动送入分离器；
◎粉末自动分离，使粉碎过程中产生的粉末，通过分离器从颗粒中分离出去；
◎旋风及除尘系统采用不锈钢材质，防止物料不受污染；
◎适用于各系列各种规格粉碎机使用。

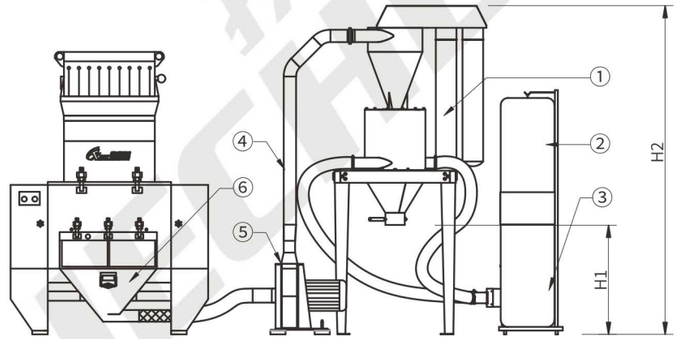


### FEATURE:

◎Compatible with Xiecheng full series of powerful granulators, during granulating process some small powder may occur, the sifter device is to automatically separate out the powder from the granulated output;
◎Automatic Conveying—by vacuum suction the granulated material will be automatically convey to the separator;
◎Automatic Separation of powder—separating powder generated during the granulating process through the separator;
◎The cyclone and dust removal system are made of stainless steel to prevent materials from being contaminated;
◎Suitable for all granulator models.

XC－SC ** －** HP
- 回收装置马力 Power of collecting system
- 筛粉装置马力 Power of powder sifting device
- 筛粉装置 Powder sifting device

### 结构简图 STRUCTURE DIAGRAM




① 筛粉桶 Cyclone
② 集尘袋 Dust Collecting Bag
③ 除尘电机 Cyclone Motor
④ PVC钢丝管 PVC Pipe
⑤ 送料风机 Loading Blower
⑥ 接料斗 Receiver

### 技术参数 SPECIFICATIONS

| 型号Model | XC-SC3-3HP | XC-SC4-3HP | XC-SC5-3HP | XC-SC7.5-3HP | XC-SC10-3HP |
|---|---|---|---|---|---|
| 回收风机 Collective Blower(Hp/kw) | 3HP/2.2KW | 4HP/3KW | 5HP/4KW | 7.5HP/5.5KW | 10HP/7.5KW |
| 回收风机管径Collective Blower Pipe Diameter(mm) | 89 | 102 | 102 | 127 | 127 |
| 筛粉风机Dust Separated Blower(HP/KW) | 3HP/2.2KW | | | | |
| 筛粉风机管径 Dust Separated Blower Pipe Diameter(mm) | 89 | | | | |
| 适用机型Models | 5HP-20HP | 30HP-40HP | 50HP | 75HP | 100HP |

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

# 啃齿式慢速机边破碎机
## SCREENLESS LOW SPEED ONLINE GRANULATOR

### 特点：

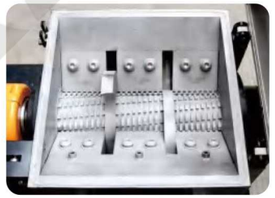
◎采用啃齿式刀具搭配切断刀设计，低转速，无筛网，无漏切削，颗粒度好，粉末极少；
◎具有卡料自动逆转功能，可自动清除堵塞粉碎料，对电机全方位保护；
◎具有定时开关机功能，节省能源；
◎微电脑控制，具有两料比例阀控制功能，操作直观，维护简单；
◎投料斗双层隔音设计，中间填充隔音材料，低噪音；
◎破碎室快捷拆装方式设计，清理维护更便捷；
◎具有缺相逆向保护功能、电机过载保护、限位保护等多重保护装置；
◎本机有送料型和抽料型两种选择。

### FEATURE:

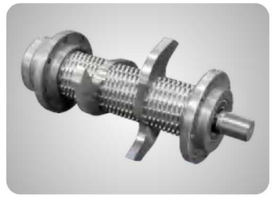
◎With the teeth cutters and hook cutters design, running with low rotary speed, screenless, no leftovers, evenly output and least dust produced;
◎Capable of auto reverse running and clearing of jammed materials, all-round protection of the motor;
◎With timing function to turn on or off, saving energy;
◎Controlled by microcomputer, with two material proportional valve control function, easy operation and maintenance;
◎Double layered soundproof designed feeding hopper, low noise;
◎Fast disassembly and assembly design for processing chamber, easy to clean and maintain;
◎With multiple protections as phase sequence protection, overload protection, limit protection, etc;
◎The configuration offers options for either active or passive material collection.



XC-GO2HPRC



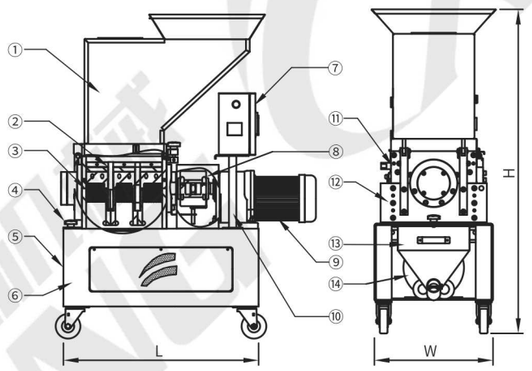
机　室
Grinding chamber



刀　架
Cutter saddle

### 结构简图 STRUCTURE DIAGRAM

① 接料斗 Receiver
② 钩刀 Hook knife
③ 啃齿刀 Tooth gnawing knife
④ 五星螺母 Quick Joint
⑤ 机架 Stainless Steel Pipe
⑥ 机架护罩管 PVC Pipe
⑦ 电箱 Loading Blower
⑧ 联轴器 Coupling
⑨ 电机 Motor
⑩ 电箱支架 Electric box support
⑪ 上箱体 Upper box
⑫ 下箱体 Lower box
⑬ 接料斗 Hopper
⑭ 气泵 Air pump




### 技术参数 SPECIFICATIONS

| 型号 Model | XC-GO1HP | XC-GO2HP | XC-GO3HP | XC-GO5HP | XC-GO1HPRC | XC-GO2HPRC | XC-GO3HPRC | XC-GO5HPRC |
|---|---|---|---|---|---|---|---|---|
| 投料斗尺寸(mm)Feeding Hopper Size | 365x380 | 505x520 | 505x580 | 580x580 | 365x380 | 505x520 | 505x580 | 580x580 |
| 粉碎室口径(mm) Grinding Chamber | 250x240 | 310x310 | 310x420 | 380x430 | 250x240 | 310x310 | 310x420 | 380x430 |
| 粉碎能力(kg/h) Grinding Capacity | 10-15 | 20-25 | 22-27 | 24-30 | 10-15 | 20-25 | 22-27 | 24-30 |
| 功率 Power(Kw) | 1.1 | 1.5 | 2.2 | 3.7 | 1.1 | 1.5 | 2.2 | 3.7 |
| 固定刀 Stationary Cutter | 6 | 6 | 8 | 8 | 6 | 6 | 8 | 8 |
| 动刀（菠萝刀）Teeth Cutter | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 |
| 旋转刀 Hook Cutter | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 3 |
| 外形尺寸（长*宽*高）LxWxH(mm) | 1000x500x1315 | 1055x570x1315 | 1200x570x1315 | 1250x650x1316 | 1000x500x1315 | 1055x570x1315 | 1200x570x1315 | 1250x650x1316 |
| 主轴转速（转/分）Spindle Speed(R/Min) | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 风机功率KW（送料型）Blower Power Kw(Active Collecting) | ／ | ／ | ／ | ／ | 0.55KW | 0.55KW | 0.55KW | 0.55KW |
| 备注 Note | 需另搭配吸料机和比例阀使用 Should be used with auto loader and proportional valve | | | | 带回收系统 Equipped with recycled system | | | |

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# 低速机边破碎机
## LOW SPEED ONLINE GRANULATOR

### 特点：

◎低速破碎，阶梯形旋转刀排列成V形设计，噪音低、颗粒均匀、粉末少；
◎减速机直接驱动，运转平稳；
◎具有定时开关机功能，节省能源；
◎微电脑控制、具有两料比例阀控制功能，操作直观，维护简单；
◎投料斗双层隔音设计，低噪音；
◎投料斗、筛网托快捷拆装方式设计，清理维护更便捷；
◎具有缺相逆向保护功能、电机过载保护、限位保护等多重保护装置；
◎本机有送料型和抽料型两种选择。

### FEATURE:

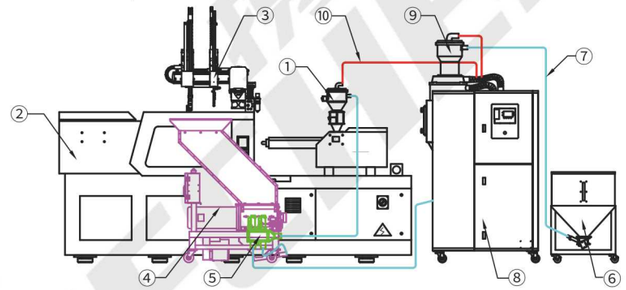
◎Low speed grinding with the V shape stepped rotary cutters design, low noise, evenly output and less dust occurred;
◎Direct driven reducer ensures stable running;
◎With timing function to turn on or off, saving energy;
◎Controlled by microcomputer, with two material proportional valve control function, easy operation and maintenance;
◎Double layered soundproof designed feeding hopper, low noise;
◎Fast disassembly and assembly design for processing chamber, easy to clean and maintain;
◎With multiple protections as phase sequence protection, overload protection, limit protection, etc.;
◎Configuration is optional on active or passive collecting;

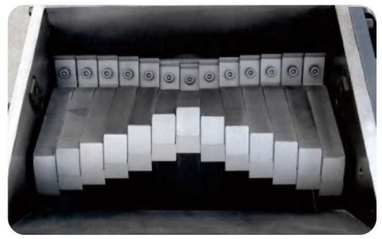


XC-GS5HPRC

### 安装示意图 INSTALLATION DIAGRAM

① 电眼料斗 Sensor Hopper
② 注塑机 Injection Moulding Machine
③ 机械手 Robot
④ 机边破碎机 Low Speed Online Granulator
⑤ 两料比例阀 Proportional Valve
⑥ 储料箱 Material Tank
⑦ 吸料管 Material Pipe
⑧ 三机一体 “All-in-one” compact dryers
⑨ 真空料斗 Vacuum Hopper
⑩ 吸风管 Vacuum Pipe





机　室
Grinding chamber

### 技术参数 SPECIFICATIONS

| 型号 Model | XC-GS2HP | XC-GS3HP | XC-GS5HP | XC-GS2HPRC | XC-GS3HPRC | XC-GS5HPRC |
|---|---|---|---|---|---|---|
| 投料斗口尺寸(mm)Feeding Hopper Size | 320x310 | 380x310 | 440x310 | 320x310 | 380x310 | 440x310 |
| 破碎口径（mm）Grinding Chamber | 260x310 | 320x310 | 380x310 | 260x310 | 320x310 | 380x310 |
| 粉碎能力（Kg/h）Grinding Capacity | 22 | 27 | 33 | 22 | 27 | 33 |
| 功率Power Kw | 1.5 | 2.2 | 3.7 | 1.5 | 2.2 | 3.7 |
| 固定刀 Stationary Cutter | 2 | 2 | 2 | 2 | 2 | 2 |
| 旋转刀 Hook Cutter | 27 | 33 | 39 | 27 | 33 | 39 |
| 筛网孔径（mm） | 6 | 6 | 6 | 6 | 6 | 6 |
| 外形尺寸（长*宽*高）LxWxH(mm) | 850x500x1500 | 1000x500x1500 | 1150x500x1500 | 850x500x1500 | 1000x500x1500 | 1150x500x1500 |
| 主轴转速（分钟/转）Spindle Speed(R/Min) | 140 | 140 | 140 | 140 | 140 | 140 |
| 风机功率Kw（送料型）Blower Power Kw(Active Collecting) | / | / | / | 0.55 | 0.55 | 0.55 |
| 备注 Note | 需另搭配吸料机和比例阀使用 Should be used with auto loader and proportional valve | | | 带回收系统 Equipped with recycled system | | |

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# 中速机边破碎机

## MEDIUM SPEED ONLINE GRANULATOR

中速破碎机适用于浇道口物料、料头、次品的即使粉碎再利用，操作简单，性能优异；采用适中的转速运转将粉屑、噪音的产生及刀具磨损降到最低点，并且设置多种安全保护装置符合欧洲安全标准。

XC-GM medium speed series granulators are applied for instant recycling materials of sprues, runners, insufficient products, which is easy to operate and with excellent functions. The speed is properly designed to minimize powder, running noise and abrasion of cutter blades occurred in crushing process. The series are adopted with multiple safety devices to conform European safety standards.

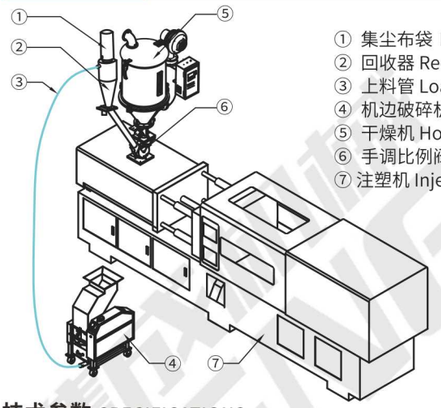
### 特点：

◎中速破碎，低能耗，体积小，占地面积少；
◎维护，清理便捷，高安全操作设计；
◎刀架采用高硬度钢质材料，前置刀片专利设计，强度更高，加大刀片切削角度，提高切削效率，成型颗粒形状均匀，粉末少；
◎刀具采用高强度合金工具钢，硬度高，耐磨性强，刀片磨削可重复使用；
◎采用内六角螺丝沉孔安装，不会因为长时间使用而磨损螺丝；
◎投料斗四面双层隔音设计，内层采用不锈钢材质，中间填充隔音材料，静音效果好；
◎本机有送料型和抽料型两种选择。

### FEATURE:

◎Medium-speed granulation, low energy consumption, small size and small floor space;
◎Convenient for maintenance and cleaning, safety design for operations;
◎Blade sets made by once cutting from steel plate, adopted with patent front-positioning blades design enlarging cutting angle and increasing cutting efficiency. Hence the output granules are even and with less powder or dust occurred;
◎Blades are made of high-strength steel, with high hardness, good abrasion resistance, and long service life;
◎Adopted hexagon socket screw installation way of the blades, free from wearing lose on screws in the long-term utility;
◎Feeding hopper with double-layered on 4 sides and the inner layer is made of stainless steel with insulation material in between to provide good noise handling;
◎Configuration is optional on active or passive collecting.

### 安装示意图 INSTALLATION DIAGRAM




① 集尘布袋 Dust Colletion Bag
② 回收器 Recycler
③ 上料管 Load Hose
④ 机边破碎机 Online Granulator
⑤ 干燥机 Hopper Dryer
⑥ 手调比例阀 Hand Proportional Valve
⑦ 注塑机 Injection Moulding Machine



XC-GM250



机　室
Grinding chamber

### 技术参数 SPECIFICATIONS

| 型号 Model | XC-GM180 | XC-GM250 | XC-GM310 | XC-GM180RC | XC-GM250RC | XC-GM310RC |
|---|---|---|---|---|---|---|
| 投料斗口尺寸(mm)Feeding Hopper Size | 498×380 | 498×445 | 498×505 | 498×380 | 498×445 | 498×505 |
| 破碎口径(mm) Grinding Chamber | 180×180 | 250×200 | 310×200 | 180×180 | 250×200 | 310×200 |
| 粉碎能力(Kg/h)Grinding Capacity | 40-70 | 80-100 | 80-130 | 40-70 | 80-100 | 80-130 |
| 功率Power Kw | 1.5 | 2.2 | 4 | 1.5 | 2.2 | 4 |
| 固定刀 Stationary Cutter | 2 | 2 | 2 | 2 | 2 | 2 |
| 旋转刀 Hook Cutter | 9 | 12 | 15 | 9 | 12 | 15 |
| 筛网孔径(mm) | 6 | 6 | 6 | 6 | 6 | 6 |
| 外形尺寸(长*宽*高) LxWxH | 790×454×1480 | 790×496×1480 | 790×556×1480 | 790×454×1480 | 790×496×1480 | 790×556×1480 |
| 主轴转速（分钟/转）Spindle Speed | 320 | 320 | 320 | 320 | 320 | 320 |
| 风机功率Kw(送料型)Blower Power KW(Active Collecting) | / | / | / | 0.55 | 0.55 | 0.55 |
| 备注 Note | 需另搭配吸料机和比例阀使用 Should be used with auto loader and proportional valve | | | 带回收系统 Equipped with recycled system | | |

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





# 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°C）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°C，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°C) 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°C, 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.

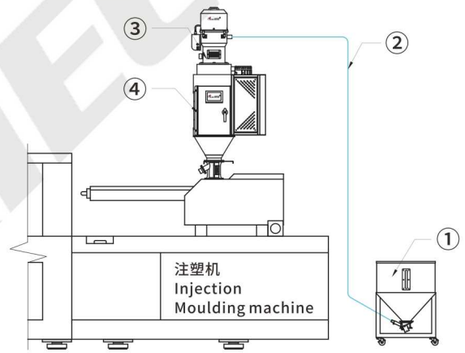
XC－MDD **U／**H－**
- 选装件 Option
- 除湿风量($m^3$/Hr) Dry air volume($m^3$/Hr)
- 干燥机料桶容量(L)Drying Bucket capacity(L)
- 小型除湿机 Small dehumidification dryer



### 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($m^3$/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) | 160 | 160 | 160 |
| 外形尺寸Dimension (mm) | | | |
| H | 945 | 1020 | 1100 |
| W | 600 | 635 | 770 |
| D | 550 | 560 | 685 |

### 工作原理 WORKING PRINCIPLE




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

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# 自适应智能节能除湿干燥送料组合

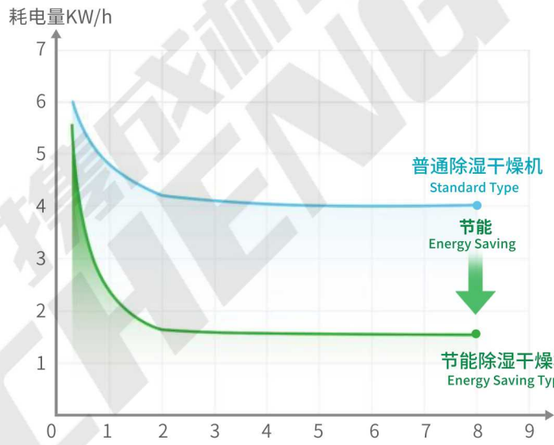
## SELF-ADAPTIVE INTELLIGENT ENERGY-SAVING ALL-IN-ONE COMPACT DRYER

### 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°C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°C；
◎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°C;
◎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°C;
◎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


真空料斗
Vacuum Hopper


电眼料斗
Sensor Hopper

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°C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°C, 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°C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°C；
◎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°C;
◎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.

XC－D ***L／***H－**
- 选装件Option
- 除湿风量($m^3$/Hr) Dry air volume($m^3$/Hr)
- 干燥机料桶容量(L) Drying Bucket capacity(L)
- 除湿干燥送料组合 Drying and feeding combination

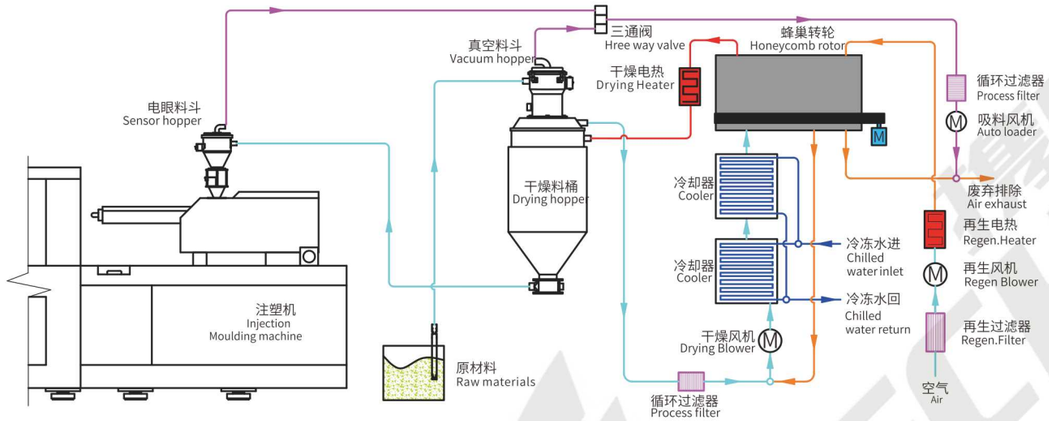


XC-D160L/120H


真空料斗
Vacuum Hopper

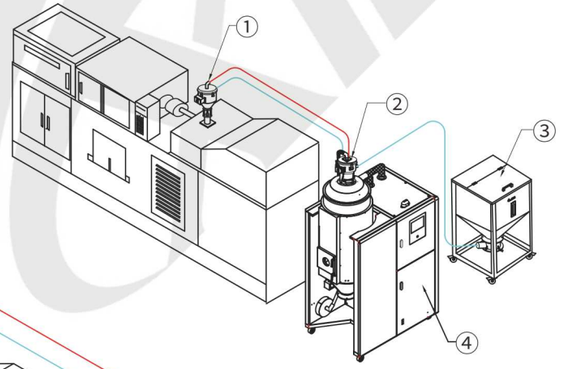

电眼料斗
Sensor Hopper

## 工作原理 WORKING PRINCIPLE

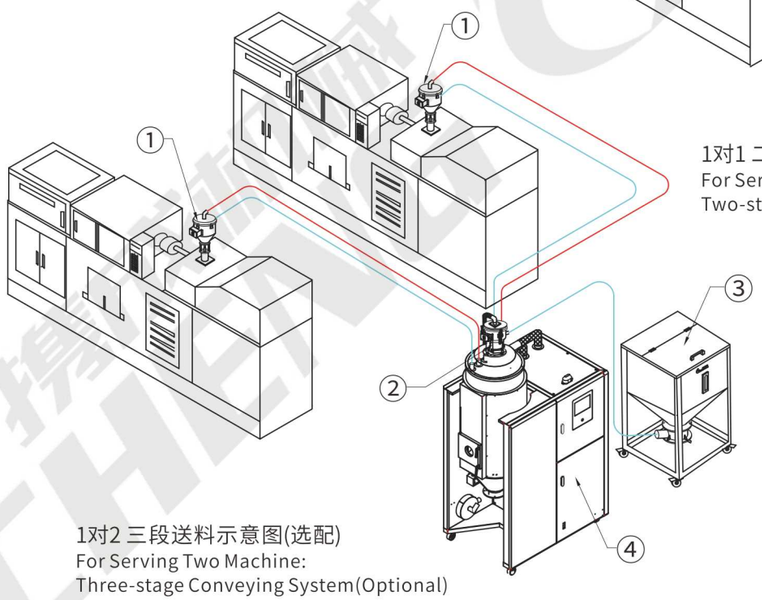



## 安装示意图 INSTALLATION DIAGRAM

①电眼料斗 Sensor hopper
②真空料斗 Vacuum hopper
③储料箱 Material tank
④三机一体除湿干燥机 XC-D Main unit




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(全密闭式) SPECIFICATIONS(FULL-INTEGRAL DESIGN)

| 型号 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 Dehumidiying 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($m^3$/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 | ∮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 |

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

| 型号 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 Dehumidiying 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($m^3$/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 | ∮38*4M 4pcs(高温管) High temperature pipe | | ∮51*4M 4pcs(高温管) High temperature pipe | ∮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Eruo type) (51/51或38) | 24L(欧式Eruo type) (63/63或 ot51) | | | | 24L/40L (欧式Eruo 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.

**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.



XC-EDL160U

### 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°C;
◎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

- ***U：干燥机料桶容量(L) Drying Bucket capacity(L)
- HD：无热再生干燥机 Non-heat regeneration dryer
- XC-EDL：欧化干燥送料组合 Euro- drying and feeding combinat ion
- XC：携成 XIECHENG



真空料斗
Vacuum Hopper

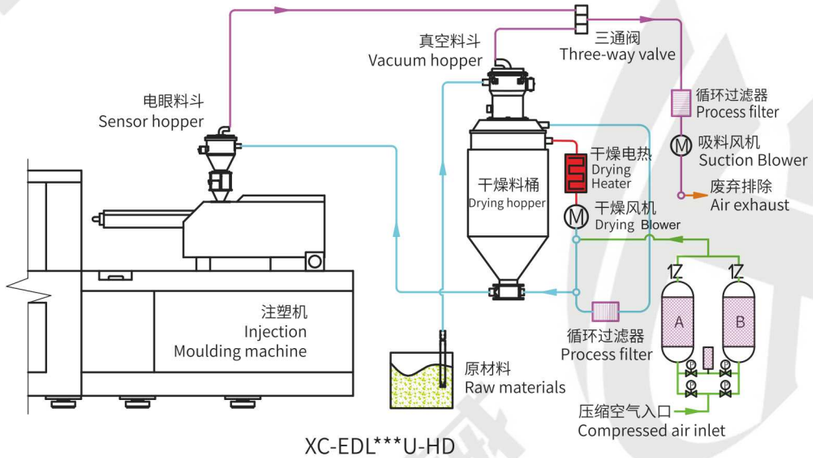


电眼料斗
Sensor Hopper

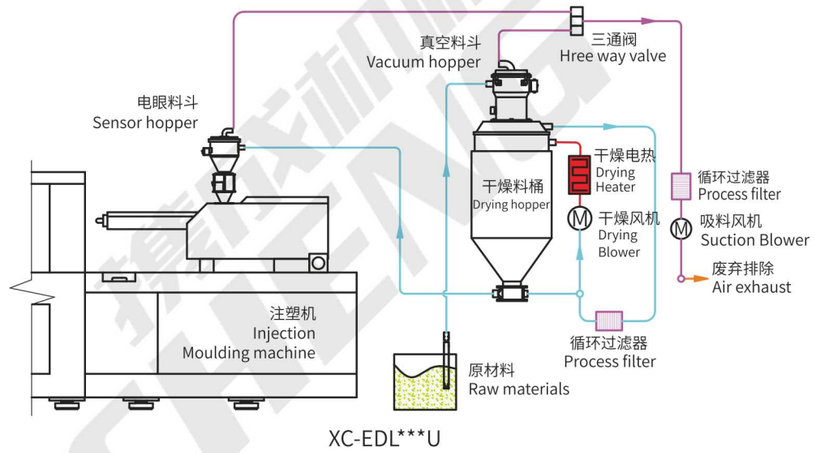




## 工作原理 WORKING PRINCIPLE




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($m^3$/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 $cm^2$。选配再生干燥时，型号后面加“HD”。 Note:Compressed Air 4-6kg/f $cm^2$, 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：

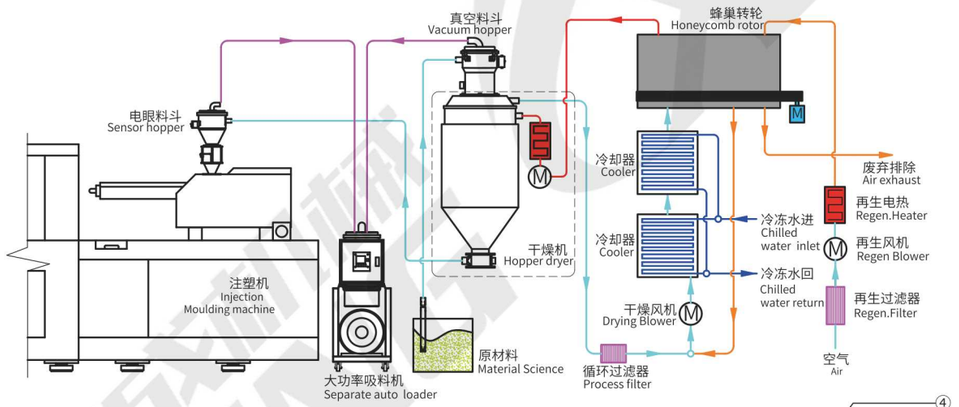
◎欧化除湿干燥组合配备蜂巢转轮除湿机，造型为半开放式，整体造型美观新颖；集除湿、干燥二种功能于一体，并可选择一对多个干燥桶的系统；
◎保温式干燥料桶采用特有下吹风管设计搭配旋风排气装置能提高干燥效率，并能防止热能散失，确保温度；
◎部分大型号除湿系统采用双冷却器结构，确保更低回风温度及露点；
◎配备一周24小时定时功能，实现整机预约自动运行；
◎液晶显示微电脑控制器，控温精度可达±0.1℃；
◎可选配露点计，方便实时监控露点；
◎可选配通讯功能，实现自动化远程管理。

XCD－***U/***H－**
- 选装件Option
- 除湿风量($m^3$/Hr) Dry air volume($m^3$/Hr)
- 干燥机料桶容量(L)Drying Bucket capacity(L)

### FEATURE:

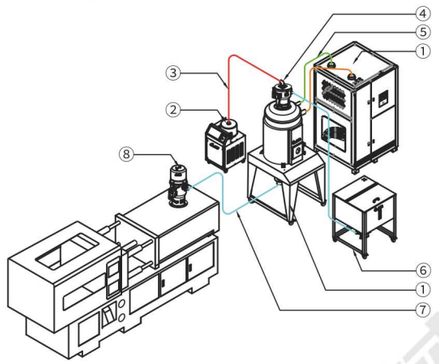
◎Euro type dehumidifying dryer combination is equipped with a honeycomb dehumidifier, with semi-integral structure as clean and tidy exterior, combined dehumidifying and drying functions together, and optional for multiple drying hoppers;
◎Insulated drying hopper adopts downward-blowing with cyclone 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.(℃) | 干燥时间 Drying Time(hr) | 比热 Spectic Heat (J/kg.℃) | 堆积密度 Bulk Density | 除湿前含水率 Moisture Content Before Drying | 除湿后含水率 Moisture Content After Drying | 干燥能力 Drying Capactity (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) 使用独立的干燥料门；
2) 在20°C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%affer drying when in 20 atomosphere 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°C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°C 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。

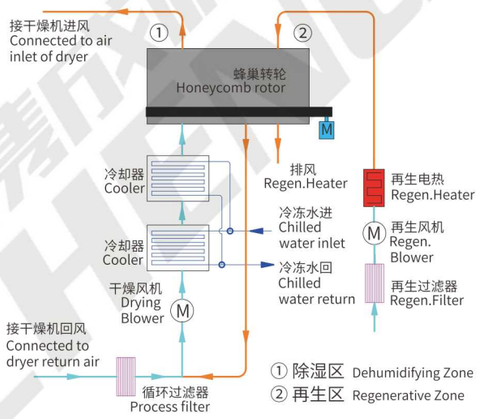
### FEATURE:

◎LCD display microcomputer controller, temperature control accuracy can reach ±0.1°C;
◎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)

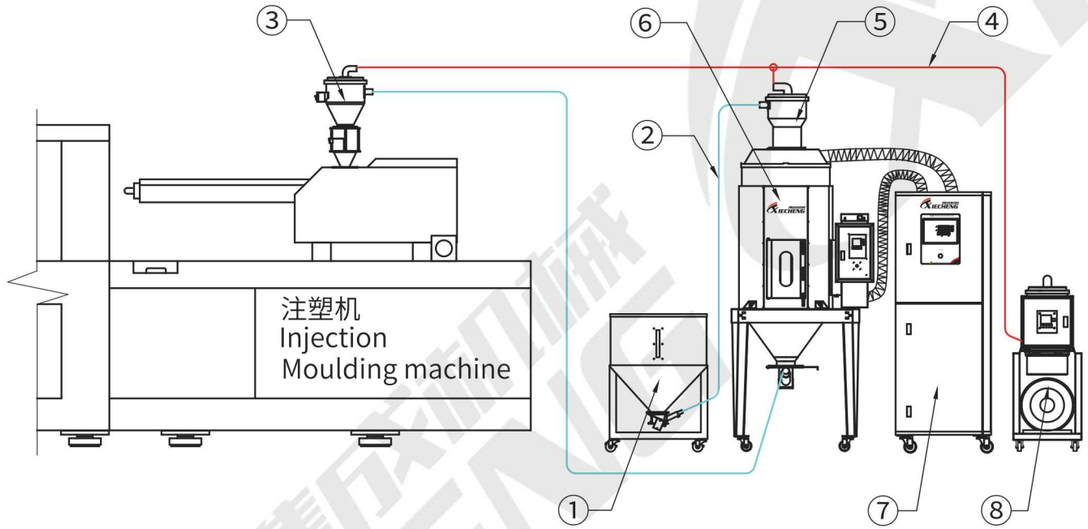

Honeycomb
(蜂巢)





### 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；
◎干燥出风口标配冷却器，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。

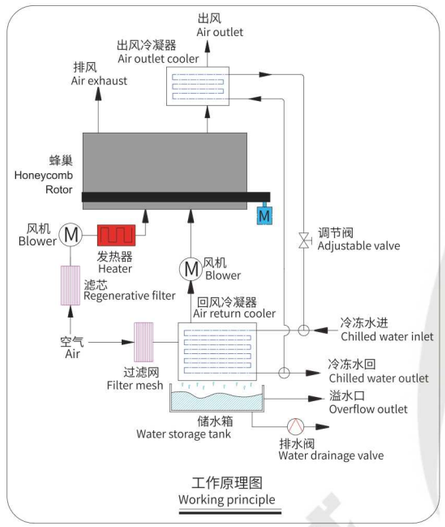
### FEATURE:

◎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.

XC – MD ***H – **
- 选装件 Option
- 干燥风量($m^3$/Hr) Dry air volume
- 模具除湿机 Mold Dehumidifier



XC-MD1000H




工作原理图
Working principle

### 工作原理 WORKING PRINCIPLE

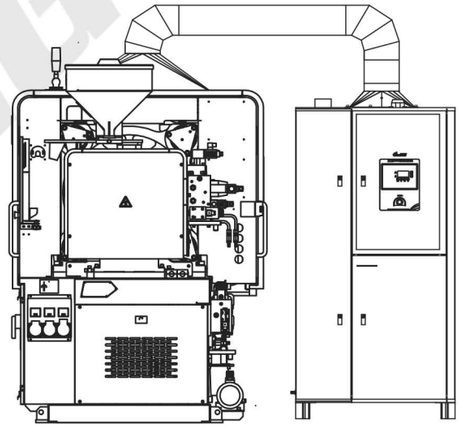
由干燥风机产生大风量的风，经过转轮蜂巢的吸湿后形成低露点的干燥风直接吹到成型机的模具上。由模具除湿机产生的低露点的空气使得模具周围环境空气非常干燥，一般露点≤5°C。在快速冷却模具时周围环境的温度快速下降，一般不会下降到5°C，这样就可以使模具在快速冷却时周围不会产生露珠。

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.

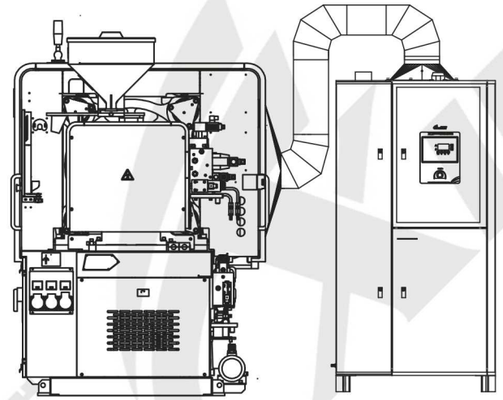




### 应用示意图 APPLICATION DIAGRAM



顶部进风
Top inlet air



侧面进风
Side intake

### 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($M^3$/Hr) Dry Air Flow($M^3$/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'') | DN40(1.5'') | DN50(2'') |
| 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(L/min) | ≥100 | ≥150 | ≥190 |
| 水压($Kgf/cm^2$) Water Pressure($Kgf/cm^2$) | 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)
2)开放式使用条件，环境干燥温度≤35°C，相对湿度≤70%；
3)冷冻水需求温度：7°C；
4)机器电压规格：3Ø，380VAC ，50HZ。

Remarks: 1) Noise ≤90dB(A);
2) Open use conditions: ambient drying temperature ≤ 35°C, relative humidity ≤ 70%;
3) Cooling water temperature required: 7°C;
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-450U以下选配脚架；
◎XCD-600U以上标配，立柱及爬梯；
◎XCD-120U以下不含清理门；
◎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°C;
◎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-450U and below;
◎Vertical columns and access ladders come as standard for all models above XCD-600U;
◎models below XCD-120U: without cleaning door;
◎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 |
|---|---|---|---|---|---|---|---|---|
| 干燥电热 Heater Power(Kw) | 4 | 4.5 | 6 | 9 | 12 | 15 | 18 | 18 |
| 风机 Blower (KW) | 0.135 | 0.21 | 0.215 | 0.32 | 0.32 | 0.32 | 0.5 | 1.5 |
| 料桶容量 Hopper Capacity(L) | 80 | 120 | 160 | 230 | 300 | 450 | 600 | 750 |
| 外形尺寸(mm) Dimensions W×D | 940×600×1455 | 940×600×1755 | 1020×750×1750 | 1010×750×2140 | 1150×850×1875 | 1150×850×2210 | 1245×960×2355 | 1245×960×2800 |
| 脚架尺寸(mm) Floor Stand H1×W1×D1 | 625×550×765 | | 750×750×865 | | 850×850×900 | | …… | …… |
| 整体高度(mm) Whole Heght H2 | 516×945 | 516x1245 | 515×1230 | 515×1635 | 500×1630 | 500×2130 | 420×1935 | 420×2390 |
| 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 |

| 型号Model | XCD-900U | XCD-1200U | XCD-1500U | XCD-2300U | XCD-3000U | XCD-4500U | XCD-6000U | XCD-7500U |
|---|---|---|---|---|---|---|---|---|
| 干燥电热 Heater Power(Kw) | 24 | 24 | 36 | 36 | 48 | 72 | 96 | 120 |
| 风机 Blower (KW) | 1.5 | 1.5 | 2.2 | 3.7 | 3.7 | 5.5 | 7.5 | 11 |
| 料桶容量 Hopper Capacity(L) | 900 | 1200 | 1500 | 2300 | 3000 | 4500 | 6000 | 7500 |
| 外形尺寸(mm) Dimensions W×D | 1340×1030×2815 | 1550×1140×2750 | 1655×1230×3080 | 1670×1370×3440 | 1835×1450×4528 | 2120×1670×4940 | 2950×2090×5400 | 2460×2100×6010 |
| 整体高度(mm) Whole Heght H2 | 430×2385 | 350×2400 | 430×2645 | 600×2850 | 400×3445 | 345×3854 | 645×4040 | 640×4655 |
| 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 | 250 | 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°C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.

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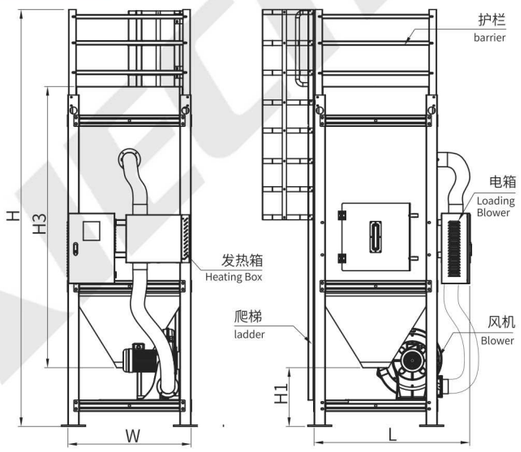


XCD-4500U

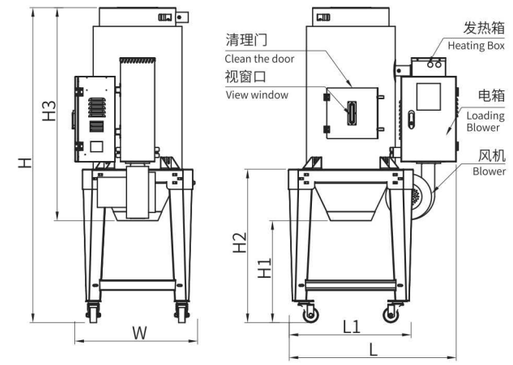



XCD-160U-ECH

### 结构简图 STRUCTURE DIAGRAM




XCD-600U以上（立柱 Vertical Columns）




XCD-80U~450U（脚架 Stands）

# 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.



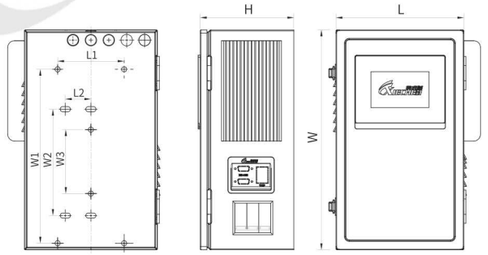

### 特点：

◎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 auto matic running;
◎Equipped with communication functions to realize automated remote management.

### 结构简图 STRUCTURE DIAGRAM




### 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.





# 自适应智能节能干燥机

## SELF-ADAPTIVE INTELLIGENT ENERGY-SAVING HOPPER DRYER




### 特点：

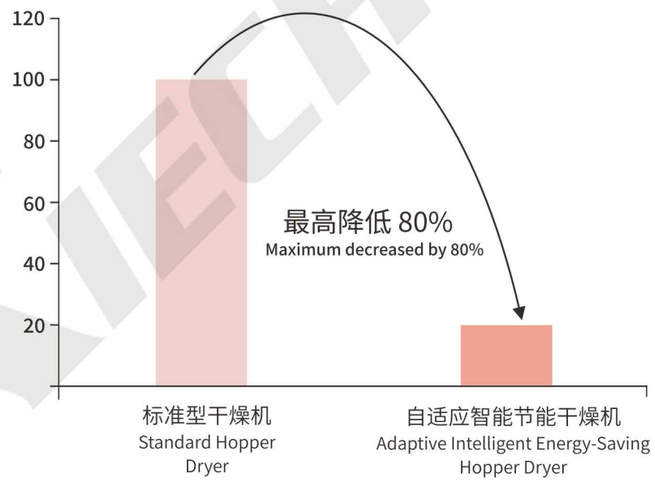
◎采用高性能的热风扩散装置设计，确保温度均匀，提高干燥效率；
◎电热筒弯形设计，避免因原料粉屑堆积筒底而引起燃烧；
◎采用PID控制器，4.3寸触摸屏显示实时工作状态；
◎高效节能，对比普通机型同等工况下可节能30%-80%；
◎内置多种常见原料工艺配方，只需要选择原料种类，系统自动设置干燥温度及风量；
◎自适应功能，设置温度后系统自动运行调节风量；
◎自动保温功能，当机器停止供料时，自动进入保温状态，节省能源，
防止原料过度干燥的同时保障随时可以提供干燥原料；
◎具有超温、低温报警保护功能；
◎采用SSR固态继电器控制；
◎具有超温脱扣功能，当干燥温度超过设定温度偏差值时，自动切断电源；
◎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

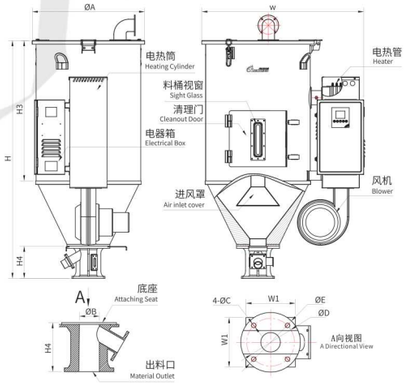
◎采用下吹式结构设计，减少进风温度和电热温度温差，保证进风温度稳定；
◎加热箱采用双层保温结构设计，降低耗电量的同时避免机器周围温度过高，独特的热风扩散结构设计使高温风能够均匀加热桶内原料，减少风量阻力以及加热不均匀，实现更高效干燥；
◎同比普通干燥机，在同等工况下可节能30%-40%，同时干燥效果显著提升；
◎最高干燥温度可达160°C；
◎具有超温脱扣功能，当干燥温度超过设定温度偏差值时，自动切断电源；
◎料桶与料斗分离式设计并配备清理门，便于清理；
◎行业领先的液晶显示微电脑控制器，控温制精度可达±0.1°C；
◎原料接触部分采用不锈钢制作，确保原料不被污染；
◎配备一周24小时定时功能，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

### 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 | H3 | H4 | ØA | W | W1 | ØB | ØE | ØD | ØC | |
| 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.





# 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°C；
◎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。

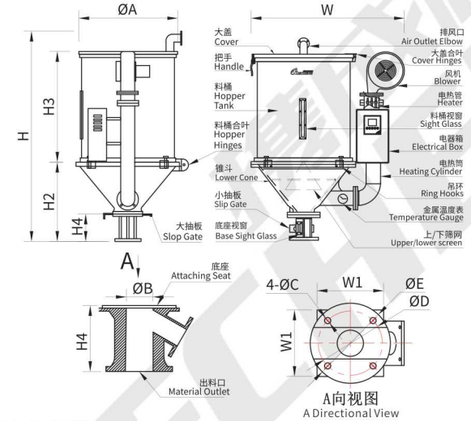


XC-G50KG

### 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






XC-GD100KG
双层保温型Double layer insulation type
热风回收系统选配Hot air recycler optional

### 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 | ØA | W | W1 | ØB | ØE | ØD | ØC | | |
| 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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# 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.



单管吸料盒
Single-tube suction box.



双管吸料盒
Double-tube suction box.

XC－ G *** KG － ECH － **

选装件 Option

ECH:节能智能型干燥机 Energy-saving dryer

容量(KG)Capacity (KG)

GD:保温型干燥机
GHE:高效节能型干燥机
G:标准型干燥机
GD/GE/G: Dryer type

### 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。

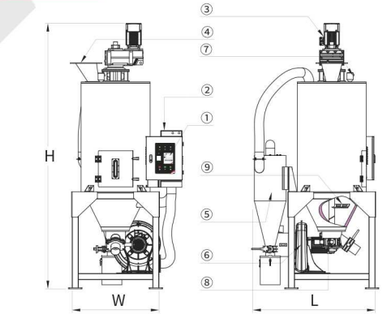
PET crystallizer is suitable for crystallizing crystalline plastics, such as PET, PLA and other crushed and recycled flake materials. It is dried at high temperature to obtain low-moisture raw materials without worrying about agglomeration. After crystallization, the drying temperature and drying efficiency 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




① 控制箱 Controller box
② 发热箱 Heating Box
③ 搅拌电机 Mixing motor
④ 料斗转接法兰 Hopper adapter Flange
⑤ 旋风集生桶 Cyclone dust collecting barrel
⑥ 风机 Blower
⑦ 料位开关 Material level switch
⑧ 抽空吸料盒 Single Tube Suction Box
⑨ 搅拌叶 Mixing paddle

### 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.

# 称重式色母混合机
GRAVIMETRIC DOSER



## 特点：

◎采用不锈钢螺杆，经久耐用；
◎采用高精度混合式步进电机，喂料精准平稳，反应速度快；
◎模块化可拆卸式结构，拆装方便，易于清理及互换；
◎具有强制清料功能，方便更换色母；
◎记录现有运转模式，不受停电影响，复电后即恢复运转；
◎具有通讯功能，可以传输数据，支持数据导出功能，
以便查看生产情况；
◎采用失重式称量技术对混配过程进行操控，
可满足极高的生产精度要求。

XCM – ** D* MX – L – RS / TCP

- TCP：带TCP通讯 TCP communication
- RS：带RS485通讯 RS485 communication
- L：空:小底座 L:大底座 Optional large base
- MX：带搅拌底座 Mixing function
- D*：空:单色色母机 D2:双色色母机 D3:三色色母机 Number of color masterbatch
- **：**:单螺杆 **/**:双螺杆 **/**/**:三螺杆 螺杆外径(mm) Screw diameter(mm
- XCM：XCM:携成计量式色母机 XGD:携成称重式色母机 XIE CHENG Dosers

## FEATURE:

◎Adopt stainless steel screw, reliable and durable;
◎Adopts high - precision hybrid stepping motors, has accurate and stable feeding, and a speedy response;
◎Modular assembly structure, easy to disassemble and assemble, easy to clean and swap parts;
◎With forced cleaning function to facilitate the replacement of master batch;
◎Lively recording the current running mode, which is not affected by power outage and will resume running once power restored;
◎With functions to transmit data for communication, and export data for checking production running condition;
◎Loss-in-weight weighing technology is adopted to control the mixing process, which can meet extremely high production accuracy requirements.

## 应用范围

称重式色母混合机采用高精度混合式步进电机、PLC控制，可以适用于客户在产品注塑或挤出过程中对塑料组分添加比例的精确度要求，适用于新料、次料、色母或添加剂等的自动比例混合，另有双色色母机，可依客户要求搭配使用，可搭配吸料机实现色母料的自补充。

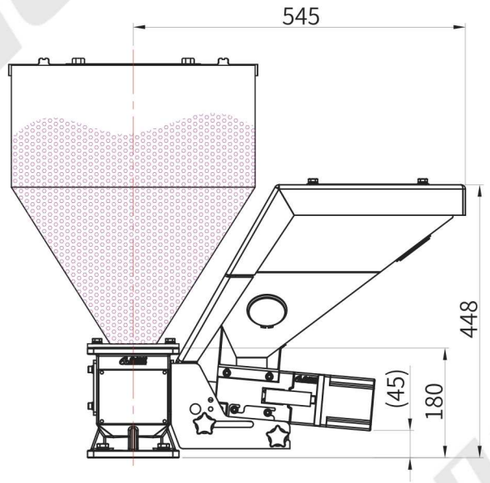
## APPLICATION RANGE

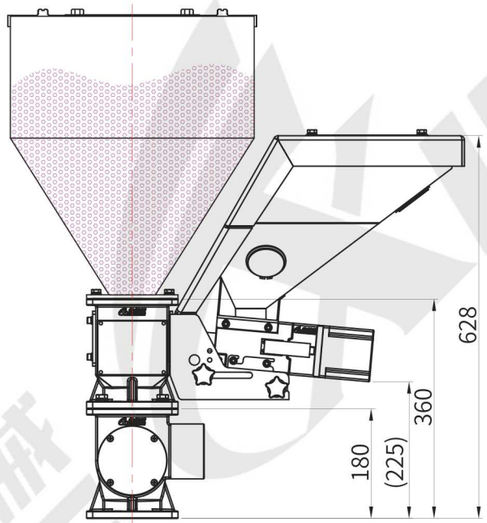
Gravimetric Doser adopts high-precision hybrid stepping motor and PLC control, which can meet the high accuracy requirements for proportional adding of plastic components in injection molding or extrusion productions. It is suitable for automatic proportional mixing new materials, scrap materials, master batch or additives, etc. Also, depending on actual condition, dual color volumetric doser is optional. Besides, auto loader for auto re-filling master batch is also available.





## 工作原理 WORKING PRINCIPLE




## 技术参数：SPECIFICATIONS

| 型号 Model | 单色机 Single color unit | | | 双色机 Double color unit | | | |
|---|---|---|---|---|---|---|---|
| | XGD-12/16 | | | XGD-**/**D2 | | | |
| 马达功率Motor(HP/kw) (KW) | 0.3 | | | 0.3x2 | | | |
| 马达转速 Rotary Speed(r.p.m.) | 1.8~300 | | | | | | |
| 搅拌功率 Mixing Power(W) | 60~90 | | | | | | |
| 螺杆外径 Screw 0uter Diameter(mm) | 12 / 16 | | | | | | |
| 输出量 Output(g/min) | 4~120 | 8~230 | | ** | | | |
| 储料桶 Material Storage Barrel(L) | 13 | | | 13 | | | |
| 主原料斗 Main Material Hopper<br>搅拌器 Mixer | 选配 Optional | | | | | | |
| 净重 Approx.Net Weight(KG) | 25 | | | 45 | | | |
| 外形尺寸Dimensions | 小底座 Small base | 小底座带搅拌 Small bass mixing | 大底座带搅拌 Large base mixing | 小底座 Small base | 小底座带搅拌 Small bass mixing | 大底座 Large base | 大底座带搅拌 Large base mixing |
| H(mm) | 430 | 530 | 600 | 430 | 530 | 550 | 600 |
| W(mm) | 560 | | | 1010 | 1010 | 1090 | 1090 |
| D(mm) | 300 | | | 300 | | | |
| 小底座尺寸 Small Base Size (mm)<br>(W1×W2×W3×W4×ØA×M×H1×R1×R2) | 150×120×95×100×52×M8×180×R6×R17 | | | | | | |
| 小底座带搅拌尺寸 (mm)<br>Small Base Maxing Size | 150×120×95×100×52×M8×280×R6×R17 | | | | | | |
| 大底座尺寸 Large base size (mm)<br>(W1×W2×W3×W4×ØA×M×H1×R1×R2) | 230×180×130×**×90×**×300×110×R8.5×** | | | | | | |
| 大底座带搅拌尺寸 (mm)<br>Large Base Mixing Size | 230×180×130×**×90×**×350×110×R8.5×** | | | | | | |

注：
1) “*”表示依客户所选螺杆决定输出量的大小，可参考单色机数据；
例如：XCM-12，输出量即为4~120 g/min；
2) “**”表示螺杆外径以客户选型而定；
3) 单色机加装搅拌器，机型后面加注“MX”；
4) 以上机型输出量是以比重为1.2、直径为2～3mm的色母颗粒以连续运转方式为测试标准所得的数据；
5) 机器电压规格为：1Φ，230V，50Hz。

Note:
1) “*” means the output capacity depends on the screw selected, data of the single color doser can be a reference.
For example: XCM-12, output capacity is 4~120 g/min.
2) **”stands for external diameter of screw is up to model selected.
3) Single color doser with screw, add“MX”on the back of model.
4) The output proportion of all models are 1.2,diameter 2～3mm masterbatch in a test criteria of continuous running.
5)Voltage : 1ф, 230V, 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.**

# 计量式色母混合机
## VOLUMETRIC DOSER

XCM系列计量式色母混合机，可以对塑料原料的1种主料和1-3种色母料或添加剂按比例自动混配，适用于注塑、挤出或吹塑生产。该系列产品采用混合式步进电机，并配合专用PLC触控式控制器，可精确地计量色母及添加剂的添加比例。此混合机可以与各类成型机信号做连接进而同步运转，保证成型产品性能一致性。

XCM series volumetric doser can automatically mix 1 main material and 1-3 masterbatches or additives of plastic raw materials in proportion. It is suitable for injection molding, extrusion or blow molding production. This series of products adopts hybrid stepping motor and special PLC touch controller, which can accurately measure the addition proportion of masterbatch and additives. The doser can be connected with all kinds of molding machine signals, and then run synchronously to ensure the consistency of molding product performance.



### 特点：

◎模块式的装配结构，拆装方便，易于清理及互换；
◎使用高精度混合式步进电机，计量准确并且输出量范围广；
◎马达直接驱动，无减速箱，寿命长、免维护；
◎采用PLC触摸屏控制器，控制精度更高，操作简单明了；
◎可存储50组配方，随时调出使用；
◎螺杆采用SUS304不锈钢材质，经久耐用；
◎记录现有运行模式，不受停电影响，复电后即恢复运转；
◎具有强制清理功能，方便快速更换色母；
◎模块式搅拌功能部件和底座加大转接装置可供选择；
◎挤出机模式转速可随挤出机加工速度自动调整快慢，保持固定色母比例；
◎可选配低料位计，方便在缺料时提前报警；
◎可选配高温型色母机可处理干燥温度达180°C的物料；
◎配备通讯功能，可实现自动化远程管理。

### FEATURE:

◎The modular assembly structure allows for easy disassembly and assembly, facilitating cleaning and component interchange;
◎It uses high - precision hybrid stepping motors, ensuring accurate metering and a wide range of output volumes;
◎The motor is directly driven without a gearbox, featuring a long service life and requiring no maintenance;
◎It adopts a PLC touch - screen controller, offering higher control accuracy and simple and straightforward operation;
◎It can store 50 sets of formulas, which can be retrieved and used at any time;
◎The screw is made of SUS304 stainless steel, being durable;
◎It records the current operating mode, is not affected by power outages, and resumes operation immediately after power is restored;
◎It has a mandatory cleaning function, enabling convenient and rapid replacement of color masterbatches;
◎Modular stirring function components and an enlarged base adapter device are available as options;
◎In the extruder mode, the rotation speed can be automatically adjusted according to the processing speed of the extruder to maintain a fixed ratio of color masterbatch;
◎An optional low - level material indicator can be installed to provide an early warning when materials are running low;
◎A high - temperature color masterbatch machine can be optionally equipped to process materials with a drying temperature of up to 180°C;
◎It is equipped with a communication function, enabling automated remote management.

### 选购配件 ACCESSORIES



加长料斗
Extended Hopper



搅拌底座
Base with Mixer



底座支架（配带搅拌色母机）
Base Stand for Doser with Mixer

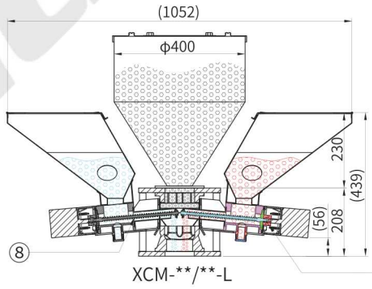


底座支架（配不带搅拌色母机）
Base Stand for Doser without Mixer

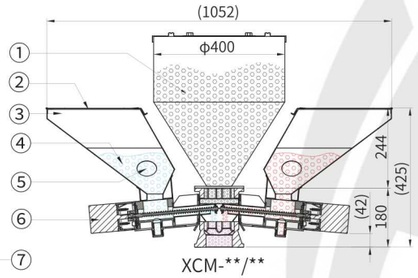




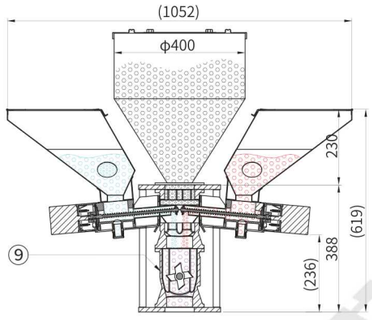
### 结构简图 STRUCTURE DIAGRAM



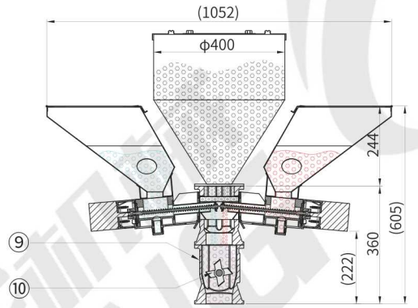

XCM-**/**-L




XCM-**/**

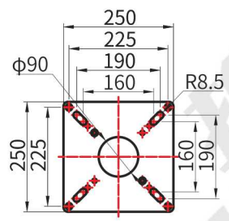



XCM-**/**MX-L

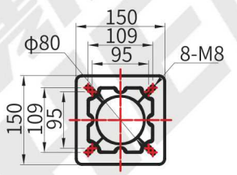



XCM-**/**MX

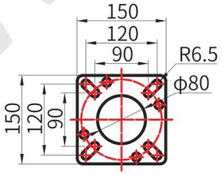
①主料斗
Raw material hopper
②色母料斗盖
Hopper cover
③色母料斗
Masterbatch hopper
④色母料
Masterbatch
⑤视窗
Viewer
⑥减速马达
Motor
⑦联轴器
Coupling
⑧送料螺杆
Screw
⑨底座(带搅拌)
Base(with mixer)
⑩搅拌桨叶
Mixer blades



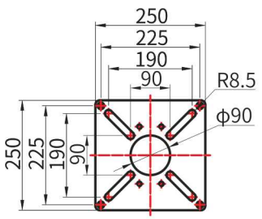

XCM-**/**(MX)-L
俯视图(Plan View)




XCM-**/**(MX)
俯视图(Plan View)




XCM-**/**(MX)
仰视图(Bottom View)



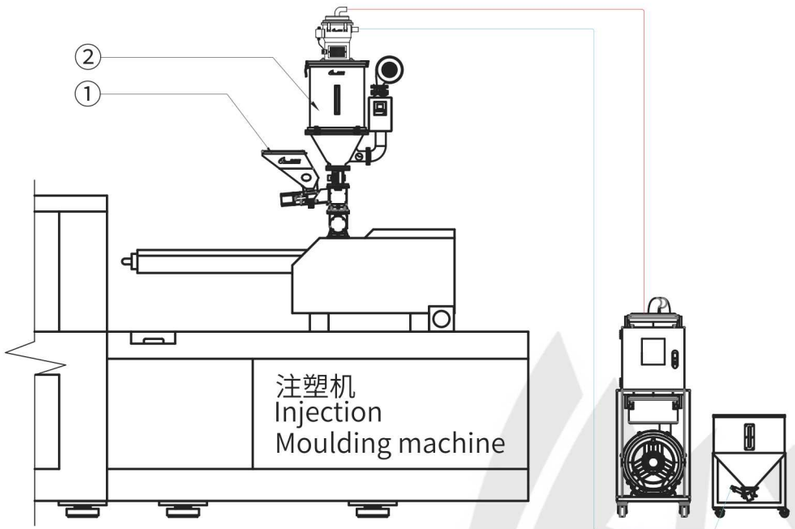

XCM-**/**(MX)-L
仰视图(Bottom View)

### 技术参数：SPECIFICATIONS

| 型号 Model | 单色机 Single color unit | | 双色机 Double color unit |
|---|---|---|---|
| | XCM-12 | XCM-16 | XCM-**/**D2 |
| 马达功率Motor(HP/kw)(KW) | 0.3 | | 0.3x2 |
| 马达转速 Motor speed(r.p.m) | 1.8~300 | | |
| 搅拌功率 Mixing power(W) | 90 | | |
| 螺杆外径 Screw outer diameter(mm) | 12 | 16 | ** |
| 输出量 Output(g/min) | 4~120 | 8~230 | * |
| 储料桶 Material storage barrel(L) | 13 | | 13 |
| 主原料斗 Main material hopper<br>搅拌器Mixer | 选配 Optional | | |
| 净重 Approx.netweight(KG) | 30 | | 50 |
| 外形尺寸 Dimensions | 见附图(See the attached figure) | | |

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

## 安装示意图 INSTALLATION DIAGRAM







①计量式色母机
Volumetric doser
②干燥机
Hopper dryer
③大功率吸料机
Separate-Vacuum
Hopper Loader
④双色色母机
Double Color Doser
⑤料斗
Hopper
⑥主料斗
Raw material hopper
⑦储料箱
Material tank





# 称重式拌料机
# GRAVIMETRIC BLENDER

## 特点：

◎模块化可拆卸式结构设计，节省空间与清洁方便；
◎采用PLC控制器，控制精度更高，更稳定，操作简单明了；
◎采用先进的控制算法，自主优化，自动调校补偿及震动防止功能，
微量计量可控制精度批重的±0.1%；
◎自动重复校准功能，在每次称重后自动校对，保证最佳的配料精度；
◎标准机型可处理四种组份，可定制六组份及以上机型；
◎具有配方存储功能，最多可存储100组以上配方；
◎分级安全密码控制与报警历史记录功能；
◎控制器标准配置USB接口，可将混料配比数据保存到U盘中，便于生产质量控制；
◎所有与原料接触的部分均由不锈钢材料制成，防止原料被污染；
◎可直接安装在成型机器上或选配脚架安装在机器旁（含气动式卸料阀）；
◎配备通讯功能，可实现自动化远程管理。

## FEATURE:

◎Modular and detachable structure design, saving space and easy to clean;
◎Using PLC controller with higher, more stable control accuracy, and easy operation;
◎Adopt advanced control algorithm, self-optimization, automatic adjustment compensation and vibration prevention functions to ensure the best batching accuracy at ±0.1%;
◎With automatic calibration function to automatically calibrate after each weighing to ensure best dosing accuracy;
◎The standard model can handle 4 components, models with more than 6 components are customizable;
◎With formula saving function for more than 100 formulas;
◎Classified security password control and alarm history record function;
◎USB interface for saving recipe data to flash disk, facilitate the quality management;
◎All raw material contact parts are made by stainless steel, prevent the materials being polluted;
◎Optional for machine mounted or stand frame installation (including pneumatic discharge valve);
◎Equipped with communication function to realize automated management;



XGB-1200-4
直接安装型 Machine Mount



XGB-200-4-R1-FS
脚架安装型 Stand frame installation

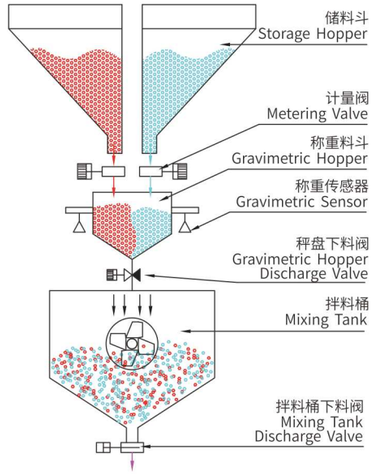
## 选配件 OPTIONAL ITEMS

◎料斗低料位警报开关；
◎吸料控制1/0模块；
◎气动式卸料阀（用于直接安装机台上方平台或架子）；
◎脚架、气动式卸料阀、储料桶及吸料盒（适用脚架安装型）；
◎以太网接口、MODBUS、PROFIBUS通讯模块，可实现远程监控，
并与挤出机、注塑机等主机进行的数据交换。

◎Hopper low material level alarm switch;
◎Automatic loading control module;
◎Pneumatic slide gate(Suitable for machine mount model);
◎Floor sand, pneumatic slide gate, storage bin and suction box should be optionally purchased for floor mounting;
◎Ethernet interface, MODBUS, PROFIBUS communication module, which can realize remote monitoring, or with extruder, injection molding machine to transfer data.

XGB – *** – * – R* – Q* – FS – RS / TCP
- TCP：带TCP通讯 TCP communication
- RS：带RS485通讯 Rs485 communication
- FS：不标注:直接安装型 FS:脚架安装型 Foot stand
- Q*：破桥装置 bridge breaking devices
- R*：*:螺杆数量 Number of screws
- ***：原材料组份 Components of raw materials
- *：最大处理量(KG/Hr) Max handling capacity
- XGB：携成称重式搅拌机 XIE CHENG Gravimetric Blender

## 工作原理： WORKING PRINCIPLE




当机器开始工作时，储料斗计量阀打开按预先设定的重量值放料，当控制器检测下料值达到后，计量阀关闭，若设定的下料值在误差范围内，则转到下一号储料斗进行放料，如此循环直到所有储料斗全部完成放料后，秤盘放料阀打开将原料落入搅拌桶内，并启动搅拌电机开始搅拌，设定的搅拌时间运行完后，搅拌桶关料阀打开原料落入储料箱储存，然后输送到机台使用。

Machine starts working and dosing valve opens to release material by setting values.If controller detects the discharging quantity reached setting value, dosing valve closes up.If discharging quantity stays within allowed error range, machine will discharge next material. When all the material dosing completes, scale valve opens to release materials into the mixing tank. Mixer motor starts to mix. Mixing time can be settled by controller. Mixture will be discharged to the storage tank and ready for injection.

## 技术参数 SPECIFICATIONS

| 型号 Model | | XGB-50 | XGB-100 | XGB-200 | XGB-400 | XGB-600 | XGB-800 | XGB-1200 | XGB-2000 | XGB-3000 |
|---|---|---|---|---|---|---|---|---|---|---|
| 组数数量 Qty of Group Number | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 混料能力 Mixing Capacity (Kg/hr) | | 50 | 100 | 200 | 400 | 600 | 800 | 1200 | 2000 | 3000 |
| 批次重量 Batch Weight (Kg) | | 1.5 | 3 | 4 | 6 | 8 | 12 | 15 | 20 | 30 |
| 主料混料范围 Main Material Mixing Range (%) | | 10~100 | | | | 5~100 | 5~100 | 5~100 | 5~100 | 5~100 |
| 添加剂混料范围 Additive Mixing Range (%) | | 2-5% | | | | 1-10% | | | 0.5～10% | |
| 主料斗容积 Main Hopper Volume (L) | | 20x2 | 30x2 | 40x2 | 45 | 70 | 100 | 130 | 160 | 230 |
| 添加剂料斗容积 Additive Hopper Volume (L) | | 10x2 | 15x2 | 20x2 | 15 | 18 | 25 | 30 | 40 | 70 |
| 储料桶容积 Storing Barrel Volume(L) | | 25 | 50 | 50 | 80 | 80 | 110 | 110 | 150 | 150 |
| 电源规格 Power Supply(V/Hz) | | 200~240V/50~60HZ/1P | | | 220~460V/50~60HZ/3P | | | | | |
| 总功率 Total Power (Kw) | | 0.12 | 0.12 | 0.25 | 0.55 | 0.55 | 1.1 | | 2.2 | |
| 压缩空气 Compressed Air (Kgf/cm²) | | 4~6 | | | | | | | | |
| 噪音 Max. Noise Level (dB) | | <75 | <75 | <75 | <75 | <75 | <75 | <75 | <75 | <75 |
| 外形尺寸 Dimensions | 直接安装型(mm): (H0xWxD) Machine installation | 1010×600×620 | 1350×650×560 | 1400×700×650 | 1588×760×660 | 1738×850×700 | 1870×900×900 | 1970×1000×900 | - | - |
| | 脚架安装型(mm): (HxWxD) Stand Frame installation | 1565×600×620 | 1820×650×560 | 1870×700×650 | 2115×760×660 | 2265×850×700 | 2375×900×900 | 2475×1000×900 | 3125×1410×1210 | 3225×1410×1410 |
| 底座(mm) Base L1x(L2)x∅CxRxH2 | | 150×(105～120)×80×6×** | 150×(100～120)×89×6×192 | | 180×(105～140)×100×7×206 | | 200×(120～150)×100×7×230 | | - | - |
| 脚架(mm) Stand (H1xW1xD1) | | 560x710x560 | 600x725x555 | | 730x705x535 | | 760x900x650 | | 890x1000x1000 | |
| 净重 Appro.Net Weight(kg) (直接安装型 Machine installation) | | 90 | 90 | 130 | 140 | 180 | 200 | 250 | 280 | 380 |
| 净重 Appro.Net Weight(kg) (地面安装型 Floor Installation) | | 110 | 110 | 155 | 165 | 230 | 250 | 340 | 370 | 500 |

注： 1) 混合配比误差是指各组份的设定百分比与实际百分比的差值；
2) 标准阀门不适用于粉体计量；
3) 以上最大处理量和混合配比误差数据是以堆积密度0.8、直径为3~4 mm的颗粒均匀原料以连续运转方式测量所得的数据。

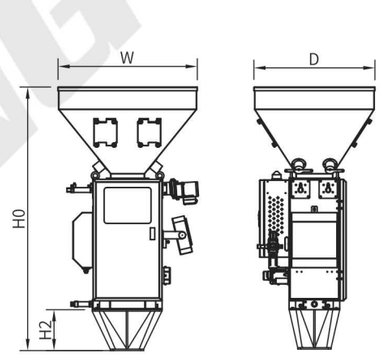
Note: 1) Dosing accuracy are refer to each ingredient accuracy;
2) standard valves are not suitable powder dosing;
3) Max .output of each model and dosing accuracy are based on the data from bulk density 0.8 ,dia. 3~4mm pellets in a test criteria of continuous running.

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

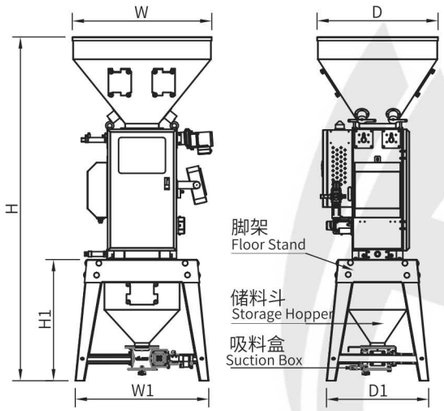




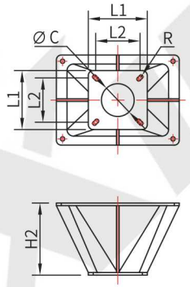
## 外形图及选配件 OUTLINE DRAWINGS AND OPTIONS




(直接安装型/Machine installatoin)



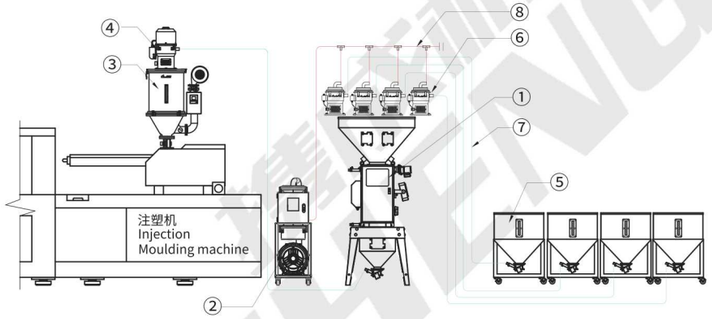

(脚架安装型/Stand Frame installation)




(底座/Base)

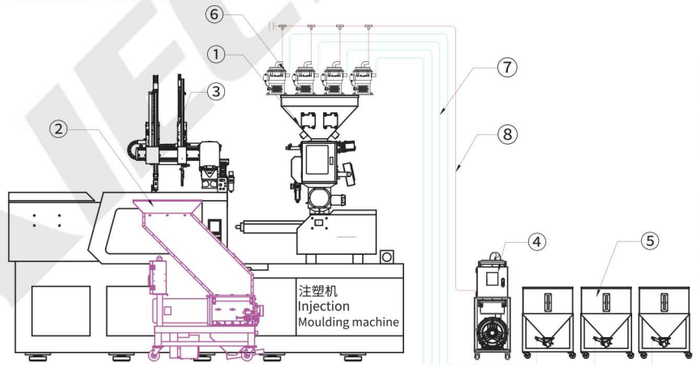
## 应用范围： APPLICATION RANGE

脚架安装型
Floor Mount




① 称重式搅拌机 Gravimetric Blenders
② 大功率吸料机 Separate-Vacuum Hopper Loader
③ 干燥机 Dryer
④ 欧化吸料机 Euro-Auto Loader
⑤ 储料箱 Material Tank
⑥ 料斗 Hopper
⑦ 吸料管 Material Pipe
⑧ 吸风管 Vacuum Pipe

直接安装型
Machine Mount




① 称重式搅拌机 Gravimetric Blenders
② 机边破碎机 Low speedonline granulator
③ 机械手 Robot
④ 大功率吸料机 Separate-Vacuum Hopper Loader
⑤ 储料箱 Material Tank
⑥ 料斗 Hopper
⑦ 吸料管 Material Pipe
⑧ 吸风管 Vacuum Pipe

# 计量式比例混合机
## VOLUMETRIC RATIO MIXER

### 特点：

◎与原料接触部分均采用不锈钢材质;
◎同期计量，无需搅拌，计量的同时就是混合;
◎可充分混合比重差异大、形状或大小不同的物料;
◎无需搅拌，可避免静电和粉尘的产生;
◎模块式的装配结构，拆装方便，易于清理及互换;
◎设置手动清料阀，方便更换物料;
◎配方可存储，方便更换调用配方;
◎使用高精度步进电机，不需保养，维护成本低;
◎配有防溢料保护，会自动停机保护并报警;
◎配有测料口，方便测试下料能力.

### FEATURE:

◎All contact parts to raw materials are made of stainless steel;
◎Mixing is done while measuring, no need for extra stirring;
◎Fully mixing materials with large differences in specific gravities, shapes or sizes;
◎No stirring required, which avoid generation of static or dust;
◎Modular assembly structure, easy to disassemble and reassemble, easy to clean and swap parts;
◎Equipped with a manual cleaning valve to change materials;
◎Formula can be stored, easy to switch and recall recipes;
◎Using high-precision stepper motors that no maintenance required, so the machine maintenance cost is low;
◎Equipped with anti-overflow function to automatically stop the machine for protection and alarm;
◎Equipped with a material measuring port to facilitate testing of material discharge capacity.






触摸屏
Touch Screen

XC－PM**－*－MX－**

- 选装件 Option
- 搅拌电机(选配) Mixing motor (optional)
- 材料组份 Components of materials
- 螺杆直径(mm)Screw diameter (mm)
- 计量式比例混合机 Metering proportional mixer

### 技术参数 SPECIFICATIONS

| 型号 Model | 螺杆直径(mm) Screw diameter | 料仓容量 Silo (L) | 最大处理量(kg/hr) Max capacity | 添加剂混料范围(%) Additive Mixing Range | 外形尺寸(mm)WxDxHxH1 Dimension |
|---|---|---|---|---|---|
| XC-PM40-3 | ∮40*2<br>∮16*1 | 35L*3 | 50-200 | ⩽2% | 795*690*815 |
| XC-PM40-4 | ∮40*2<br>∮16*2 | 30L*4 | 50-350 | | |

注：(1)最大处理量是以比重为0.65,直径为2-3MM的塑料颗粒、连续运行测试所得数据。
(2)电压规格：220V/50HZ/1P。
(3)产品规格若有变更，恕不另行通知。
(4)配脚架使用时，在型号后加“FS”。

Note：(1) The maximum processing capacity is the data obtained from the continuous operation test of plastic pellet with a specific gravity of 0.65 and a diameter of 2-3MM.
(2)Voltage：220V/50HZ/1P。
(3)We reserve right to change specifications without prior notice.
(4)When using a frame stand, add "FS" after the model.

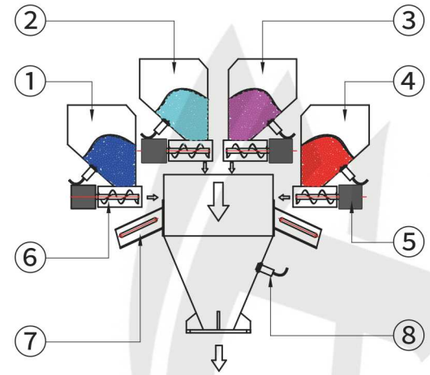
**产品规格若有改变，恕不另行通知。We reserve the right to change specifications without prior notice.**





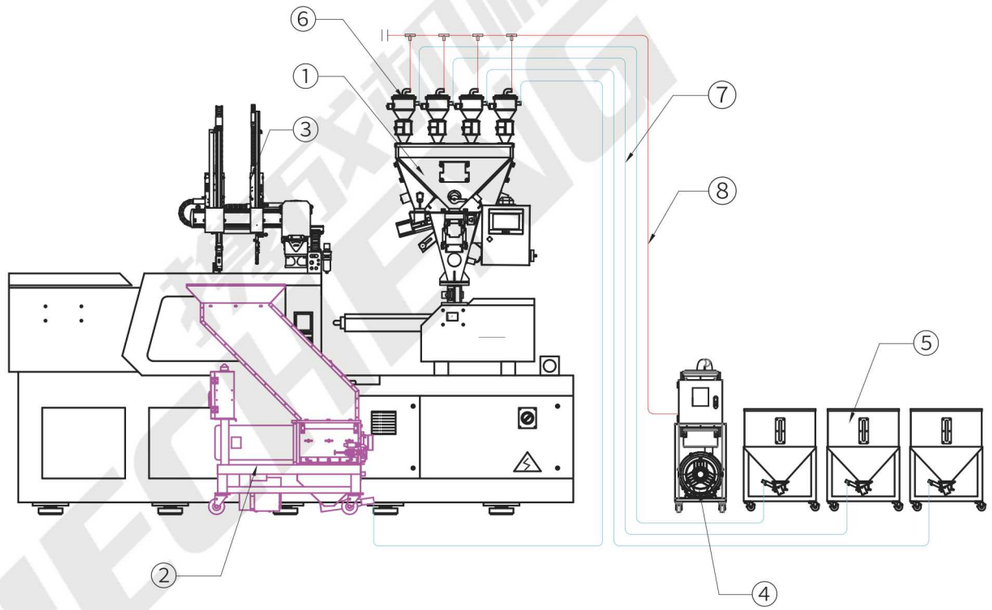
### 结构简图 STRUCTURE DIAGRAM

① 1#料仓 Silo 1
② 2#料仓 Silo 2
③ 3#料仓 Silo 3
④ 4#料仓 Silo 4
⑤ 螺杆电机 Screw motor
⑥ 输送螺杆 Conveying screw
⑦ 放料盒 Discharge box
⑧ 料位开关 Level switch




(出料口Material Outlet)

### 应用示意图 APPLICATION DIAGRAM




① 计量式比例混合机 Metering proportiond mixer
② 机边破碎机 Low speedonline granulator
③ 机械手 Robot
④ 大功率吸料机 Separate-Vacuum Hopper Loader
⑤ 储料箱 Material Tank
⑥ 电眼料斗 Sensor Hoppel
⑦ 吸料管 Material Pipe
⑧ 吸风管 Vacuum Pipe

# 容积式比例混合机
## VOLUMETRIC RATIO OF TWO FEED MIXER



XC-VTM50-160U-MX

### 特点：

◎桶身部分采用不锈钢材质，确保原料不被污染；
◎储料桶分为左右两半，分别为1号料仓和2号料仓，
　两个料仓上均可以安装吸料机实现自动加料；
◎配备两套螺杆计量装置，可对原料供给量准确计量；
◎噪音小、精度高、稳定性高；
◎螺杆采用不锈钢材质，对原料无污染；
◎配备吸料盒，可与外部吸料机相连输送混合料；
◎标配低料位感应、蜂鸣器及警灯提醒缺料功能；

### FEATURE:

◎Stainless barrel part ensures no contamination on raw materials;
◎Storage barrel divided as Silo 1 and Silo 2, each hopper could be mounted with loader for auto re-filling materials;
◎Equipped with two sets of volumetric screw dosing devices for accuracy of material providing;
◎Low noise, advanced accuracy and high stability;
◎With stainless steel made screws to keep consistency of raw materials;
◎Equipped with suction box for connection with auto loader;
◎Equipped with level sensor, buzzer and lamp alarm for material shortage alerting;

### 应用范围：APPLICATION

主要应用于原料和回收料进行比例混合，或其它两种物料进行不同比例混合。
Mainly utilized for mixing with certain proportion of raw material and recycled material, or two different types raw materials.

### 结构简图：STRUCTURE DIAGRAM

① 把手 Handle
② 1#料仓 Silo 1
③ 2#料仓 Silo 2
④ 料位开关 Level switch
⑤ 减速电机 Gear reducer
⑥ 电器箱 Electrical control box
⑦ 搅拌桶 Mixing tank
⑧ 出料口 Material Outlet
⑨ 输送螺杆 Conveying screw
⑩ 桨叶 Paddle
⑪ 搅拌电机 Mixing motor




### 技术参数 SPECIFICATIONS

| 型号 Model | 螺杆电机功率 Screw motor power (w) | 搅拌电机功率 Mixing motor power(w) | 螺杆直径 Screw diameter (mm) | 料仓容量 Silo 1(L) | 料仓容量 Silo 2 (L) | 最大处理量(kg/hr) Max capacity | 吸料管径 Tube diameter (inch) | 外形尺寸(mm)WxDxHxH1 Dimensions |
|---|---|---|---|---|---|---|---|---|
| XC-VTM50-160U-MX | 60+60 | 90 | 50 | 80 | 80 | 480~850 | 1.5~2.5 | 710×710×1090×197 |
| XC-VTM50-320U-MX | | | | 160 | 160 | | | 810×810×1420×197 |
| XC-VTM70-720U-MX | 90+90 | | 70 | 360 | 360 | 800~1450 | | 1010×1010×1530×197 |
| XC-VTM70-1200U-MX | | | | 600 | 600 | | | 1210×1210×1750×197 |

注：(1)最大处理量是以比重为0.65,直径为2-3MM的塑料颗粒、连续运行测试所得数据。
　　(2)电压规格：220V/50HZ/1P。
　　(3)产品规格若有变更，恕不另行通知。

Note: (1) the maximum processing capacity is the data obtained from continuous operation test of plastic particles with specific gravity of 0.65 and diameter of 2-3mm.
(2) Voltage specification: 220V / 50Hz / 1p.
(3) Product specifications are subject to change without notice.

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





# 欧化混合式储料箱
## EURO-MIXING STORAGE TANK



XC-EMT160U

### 特点：

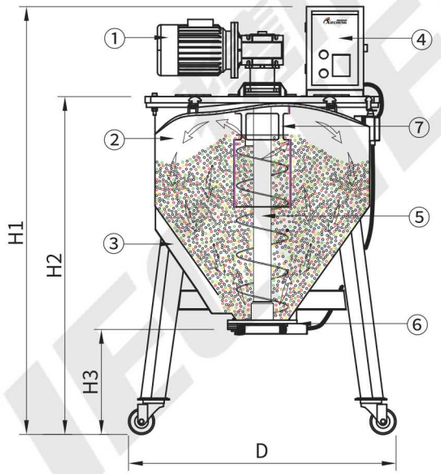
◎与原料接触面均采用不锈钢材质，确保原料不被污染；
◎垂直装配的螺旋杆，确保原料完全均匀混合；
◎采用减速电机，功率小，节能静音；
◎可拆式顶部零配件（桶盖、减速马达、螺杆和控制箱），便于清理；
◎附自动停止装置，可设定0-30分钟自动停止；
◎配主电源开关及安全连锁保护装置确保操作者安全及机器本身无损坏；
◎配有防滑型脚轮；
◎可选配吸料枪安装于料桶两侧，便于送料。

### FEATURE:

◎All raw material contact parts are made by stainless steel, prevent the materials being polluted;
◎Equipped with vertical screw, materials are being evenly stirring;
◎Adopted geared motor, low power consumption and quiet running
◎Machine is comprised of easy-disassembly parts (Top Cover, Reducer Motor, Screw and Electrical Control Box), easy for cleaning;
◎With automatic stop device, stopping time able to be set within 0-30 minutes;
◎With main power switch and safety chain protection device, to ensure the safety of operator and machine;
◎Equipped with non-slip caster wheels;
◎Suction tube is for optional, install on both sides of the storage tank, easy for conveying.

### 结构简图 STRUCTURE DIAGRAM

① 搅拌电机 Mixing motor
② 搅拌桶 Mixing barrel
③ 吸料口 Suction inlet
④ 控制箱 Controller box
⑤ 搅拌叶 Mixing paddle
⑥ 放料门 Material outlet
⑦ 导向套 Guide Sleeve




### 工作原理：

欧化混合式储料桶的工作原理是利用螺旋叶产生涡旋来达到混料的目的。待混合的原料会被拌料桶底部所产生的涡旋卷入安装在中央部位的搅拌螺旋杆里，然后沿着螺杆被卷升至顶端后掉落，如此便可于短时间完成均匀混合。当原料混合均匀后，拉开料桶底部的关料板便可排出混合原料或可选配吸料枪、吸料盒搭配自动吸料机使用，节省人工效率高。

### WORKING PRINCIPLE

Euro-Mixing Storage Tank is to use the spiral paddles to generate vortex for mixture purpose. The raw materials will be rotated into the central blending screw by the vortex. Rotation will gather the materials from the bottom to the top along the screw, drop it at the top and complete the mixing function in short period of time. After mixture, open the baffle at the bottom of the tank for material unloading. Optional for suction tubes and suction box match with auto loaders, labor-saving and efficient.

### 应用范围：APPLICATION

欧化混合式储料桶主要用于塑胶的混合搅拌和储存，不可用于各类塑胶粉末原料、食品、化学药品、易燃易爆及挥发性物品的混合和储存。或混合的塑胶原料片尺寸不均匀或为其它形状时，需要考虑原料堆积比重。

Euro-Mixing Storage Tank is mainly applied in mixture and storage of plastic. Except for mixture and storage of plastic powder raw materials, food, chemicals, inflammable and explosive materials, volatile materials. Bulk specific weight needs to be considered when the size of raw materials are uneven or different shapes.

### 技术参数 SPECIFICATIONS

| 型号 Model | 最大处理量(kg/hr) Max capacity | 电机功率 (KW) Motor power | 电机转速 (rpm) Rotating Speed | 搅拌叶直径 (MM) Paddle diameter | 外形尺寸(mm)H1*H2*H3*ØD Dimensions |
|---|---|---|---|---|---|
| XC-EMT80U | 200 | 0.55 | 190 | 150 | 1210*950*280*900 |
| XC-EMT160U | 400 | 0.75 | | 220 | 1400*1140*310*1010 |
| XC-EMT300U | 800 | 1.1 | | 250 | 1480*1220*200*1155 |

注：正常搅拌时间约15min、最大处理量是以比重为0.65,直径为2-3MM的塑料颗粒、连续运行测试所得数据。(可选配吸料枪、吸料盒连接使用)

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

# 立式混色机
## VERTICAL COLOR MIXER

### 特点：

◎四轮直立式设计，体积小，移动方便；
◎采用橡胶密封条，独特的卡槽固定设计，
　经久耐用，防止密封条脱落；
◎配用摆线针轮减速电机，噪音低、持久耐用；
◎短时间内完成均匀混料，低耗能、高效率；
◎桶盖、桶底冲压成型，配合精确，更耐用；
◎计时器可在0-30分钟之间选择混料时间。

### FEATURE:

◎Four-wheel vertical design, small size and easy to move;
◎Adopt rubber sealing strip, special slot fixing design,
　durable and prevent the sealing strip from falling off;
◎Equipped with cycloidal pinwheel reducer motor,
　low noise and durable;
◎Fast complete mixing, low energy consumption and
　high efficiency;
◎Pail cover and bottom parts and compress formed
　precisely matched and durable;
◎Mixing time able to set within 0~30 minutes.





XC-HL50KG

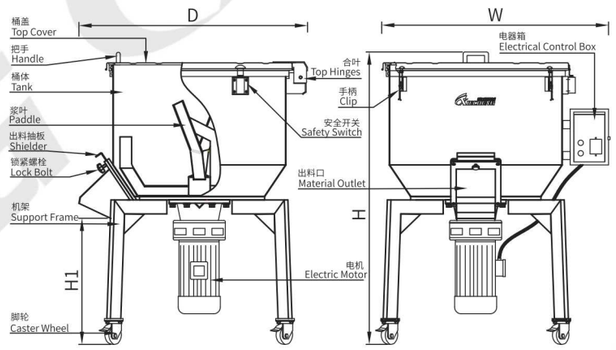
### 立式桨叶特点：

全不锈钢桨叶，结构科学、合理，在工作中可充分搅拌原料，且将负载减到最少，省时、省电；采用优质不锈钢材料，高强度，清洗方便。

### VERTICAL PADDLE FEATURE:

Stainless steel paddle with scientific structure, able to mix raw material completely; minimize load, save time and electricity; Made of premium stainless steel, high strength and easy to clean.

### 结构简图 STRUCTURE DIAGRAM




### 技术参数 SPECIFICATIONS

| 型号 Model | 功率/Power | | 容量KG Capacity | 电压V Voltage | 外形尺寸(mm)WxDxHxH1 Dimension | 转速(R/min) Rotating Speed | 净重约(KG) Approx.Net Weight |
|---|---|---|---|---|---|---|---|
| | KW | HP | | | | | |
| XC-HL50KG | 1.5 | 2 | 50 | 380 3Φ | 845X840X1060x450 | 85 | 125 |
| XC-HL100KG | 3 | 4 | 100 | 380 3Φ | 980X975X1275x540 | 85 | 180 |
| XC-HL150KG | 4 | 5.5 | 150 | 380 3Φ | 1125X1105X1420x665 | 85 | 270 |
| XC-HL200KG | 7.5 | 10 | 200 | 380 3Φ | 1250X1170X1430x665 | 85 | 313 |
| XC-HL300KG | 7.5 | 10 | 300 | 380 3Φ | 1250X1170X1630x665 | 85 | 323 |

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





# 立式搅拌机
## VERTICAL BLENDER

### 特点：

◎螺旋循环搅拌使得原料混合更加均匀、快速；
◎适用于各种塑料原料与色母的混合搅拌；
◎设备与原料所接触部分的材料皆为不锈钢制作，清洗容易，避免锈蚀；
◎设有电控安全保护装置，确保操作安全；
◎配备定时器，搅拌完成后自动停机；
◎有带加热烘干型可供选择，独特的双层保温欧式发热箱设计，减少热量损耗；
　表面温度低，配备超温脱扣保护功能，节能安全；采用中压鼓风机，风量大。

### FEATURE:

◎Helical circular mixture, fast and evenly stirring;
◎Suitable for mixing masterbatch with all kinds of plastic raw materials;
◎Fully stainless steel contacting parts, rust free and easy to clean;
◎Installed with power control device to ensure safety;
◎Equipped with timer to automatic stop after mixing finished;
◎With heating and drying function for option: double layer thermal insulation Euro heating hopper
　design to reduce heat loss; With low surface temperature, equipped with over-temperature trip
　protection function, energy-saving and safe; medium-pressure blower with high air volume.







XC-JBG1000KG

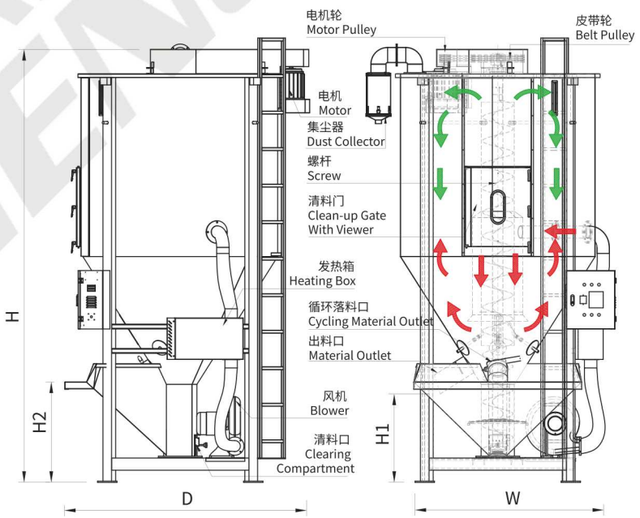
### 工作原理：

立式搅拌机的工作是利用螺杆的快速旋转将原料从桶体底部由中心提升至顶端，再以伞状飞抛散落，回至底部，这样原料在桶内上下翻滚搅拌，短时间内即可将大量原料均匀的混合完毕。

### WORKING PRINCIPLE

Vertical blender are able to perform even mixture for large volume of materials in short mixing time by utilizing the paddles rotation to gather the materials from the bottom of dump center to the top, shed the material flow back to the bottom and complete the mixing function in short period of time.

### 结构简图 STRUCTURE DIAGRAM




### 技术参数 SPECIFICATIONS

| 型号 Model | 功率/Power | | 容量(L) Capacity | 电压(V) Voltage | 外形尺寸(MM) W*D*H*H1 | 投料斗高度H2(mm) Height of Hopper | 转速(R/MIN) Rotating Speed | 电热(KW) Heating Power | 风机(KW) Blower | 净重约(KG) Approx. Net Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| | KW | HP | | | | | | | | |
| XC-JB500KG/JBG500KG | 2.2 | 3 | 750 | 380 3Φ | 1210x1480x2425x520 | 660 | 300 | 12 | 0.32 | 450 |
| XC-JB1000KG/JBG1000KG | 3 | 4 | 1500 | 380 3Φ | 1636x1800x3070x705 | 810 | 300 | 18 | 1 | 630 |
| XC-JB2000KG/JBG2000KG | 4 | 5 | 3000 | 380 3Φ | 1930x2035x3650x680 | 825 | 300 | 24 | 1.5 | 1050 |
| XC-JB3000KG/JBG3000KG | 5.5 | 7.5 | 4500 | 380 3Φ | 2375x2420x3670x700 | 845 | 300 | 36 | 2.2 | 1250 |
| XC-JB5000KG/JBG5000KG | 7.5 | 10 | 7500 | 380 3Φ | 2375x2420x4560x700 | 845 | 300 | 36 | 2.2 | 1500 |
| XC-JB10000KG/JBG10000KG | 11 | 15 | 15000 | 380 3Φ | - | - | 300 | 60 | 5.5 | 2500 |

注：10T不适合装柜，只适合于国内客户。 Note: The 10T model is not suitable for container shipping and is exclusively for domestic customers.
产品规格若有改变，恕不另行通知。We reserve the right to change specifications without prior notice.

# 正压空气填料机
## POSITIVE PRESSURE AUTO LOADER

### 特 点:

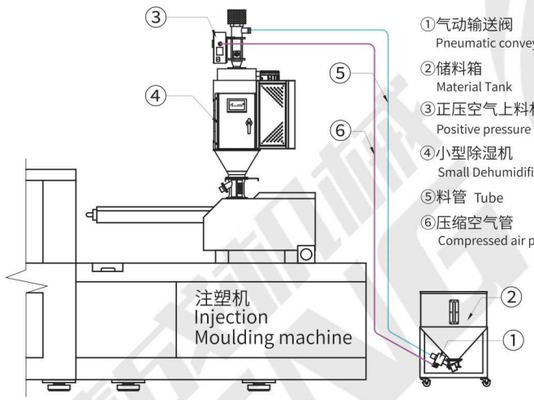
◎简洁的外观和紧凑结构，节省空间且便于操作；
◎采用高压空气输送原料，噪音极低；
◎采用玻璃料管搭配光电传感器，可有效侦测原料输送；
◎排风加过滤器，确保工作环境不受污染；
◎配备过滤调压组合，过滤空气中的水分并确保气压稳定；
◎料斗设计易于拆卸，清理简便。

### FEATURE:

◎Simple appearance and compact structure, which save space and facilitate operation;
◎Uses high-pressure air to convey raw materials, resulting in extremely low noise levels;
◎Equipped with a glass feed tube and photoelectric sensor, effectively detecting the conveyance of raw materials;
◎The exhaust with a filter design keeps the working area clean and free from pollution;
◎Equipped with a filter and pressure regulator combination, which filters moisture from the air and ensures stable air pressure;
◎The hopper design is easy to remove and clean.



### 安装示意图 INSTALLATION DIAGRAM




①气动输送阀
Pneumatic conveying valve
②储料箱
Material Tank
③正压空气上料机
Positive pressure air feeder
④小型除湿机
Small Dehumidification Dryer
⑤料管 Tube
⑥压缩空气管
Compressed air pipe

### 配件 ACCESSORIES



气动输送阀
Pneumatic Conveying Valve



气动输送阀(平口)
Pneumatic Conveying Valve (Flat Port)



吸料枪
Suction Tube



不锈钢喉箍
Stainless Steel Hose Clamp

### 技术参数 SPECIFICATIONS

| 型号 Model | 料斗容量(L) Rotating Speed | 最大处理量(kg/hr) Max capacity | 输送距离(M) Conveying distance | 料管直径(mm) Pipe diameter | 压缩空气(kgf/cm²) Compressed air | 外形尺寸(mm) WxDxHxH1 Dimensions |
|---|---|---|---|---|---|---|
| XC-XVL50 | 0.5 | 30~50 | 4 | 38 | 6 | 350×240×420 |
| XC-XVL300 | 3 | 50~80 | 4 | | 8 | 350×240×540 |
| XC-XVL750 | 7.5 | 70~90 | 4 | | 10 | 350×290×650 |

注：(1)最大处理量是以比重为0.65,直径为2-3MM的塑料颗粒、连续运行测试所得数据；
(2)电压规格：220V/50HZ/1P；
(3)压缩空气含水率＜6g/m³ 压力要求≥4kg；
(4)输送距离：4米，输送材料颗粒:<5mm；
(5)产品规格若有变更，怒不另行通知。

Note: (1) The maximum processing capacity is based on test data obtained from continuous operation with plastic particles having a specific gravity of 0.65 and a diameter of 2-3MM.
(2) Voltage specification: 220V/50HZ/1P.
(3) Compressed air moisture content ＜6g/m³, pressure requirement ≥4kg.
(4) Conveying distance: 4 meters, Conveyed material pellets: <5mm
(5) Product specifications are subject to change without prior notice.





# 欧化吸料机/欧化光电吸料机
## EURO-AUTO LOADER
## EURO- PHOTOELECTRIC AUTO LOADER

### 特 点:

◎采用碳刷式马达，转速高、风量大、体积小，整机移动方便，且易于安装；
◎线控式控制器，使用便捷，具有自动清洗功能；
◎具有马达软启动，碳刷消耗提示；
◎采用布质过滤网，配备自动喷洗除尘装置，配备滤网堵塞报警功能，延长马达使用寿命；
◎与原料接触的部分均采用不锈钢材质，确保原料在输送过程中不被污染；
◎XC-VAL300G：料斗和底座可以根据客户需求任意方向调节；
◎XC-VAL300G：采用磁簧开关控制，感应灵敏，运行稳定；
◎XC-VAL300G-E：采用玻璃料管搭配光电传感器，可有效侦测原料输送；
◎XC-VAL300G-E：料斗易于拆装，清理方便。

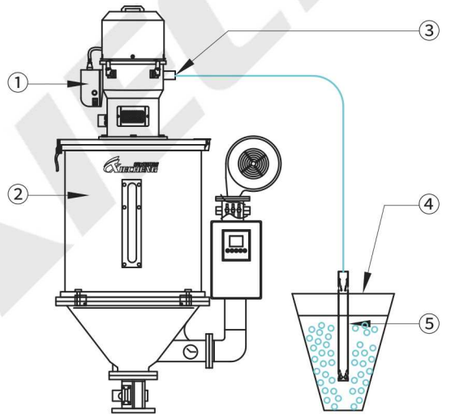
### FEATURE:

◎Adopts carbon brush motor, high rotating speed, large air volume, small size, convenient to move and easy to install;
◎Cable remote controller, easy to operate, with auto cleaning function;
◎With soft starting-up of motor and reminder for carbon brush consumption;
◎Adopted cloth type filter with auto spray cleaning dust removal device, and alarm for filter jamming, to extend the service life of the motor;
◎All stainless steel contact parts, to ensure no pollution in material conveying;
◎XC-VAL300G: Hopper and bottom base can be adjusted in any direction;
◎XC-VAL300G adopts a magnetic reed switch for control, featuring sensitive induction and stable operation.
◎XC-VAL300G-E: Adopts a glass material tube combined with a photoelectric sensor to effectively detect the conveyance of raw materials;
◎XC-VAL300G-E: The hopper is easy to disassemble and clean.

### 技术参数 SPECIFICATIONS

| 型号 Model | | XC-VAL300G | XC-VAL300G-E |
|---|---|---|---|
| 马达 Motor | 型号 Type | 碳刷式Carbon Brush | 碳刷式Carbon Brush |
| | 规格 Specification | 1.1KW/1.3HP 1Φ | 1.1KW/1.3HP 1Φ |
| 输送能力 Conveying Capacity (Kg/h) | | 300 | 300 |
| 吸料扬程 Loading Distance (m) | | 3.5 | 3.5 |
| 静风压 Static Wind Pressure(mm/$H_2O$) | | 1300 | 1300 |
| 储料桶容量 Reservoir Volume(L) | | 6 | 6 |
| 送料管内径 Conveying Tube Inner Diameter (mm) | | Φ38 | Φ38 |
| 配送料管 Specification Of The Attached Hoses (mm) | | Φ38mm×4m 1pc | Φ38mm×4m 1pc |
| 外形尺寸 Dimension, L*W*H(cm) | | 39×29×56 | 40×31×78 |
| 净重 Net Weight(Kg) | | 9.7 | 11.5 |

### 安装示意图 INSTALLATION DIAGRAM




① 吸料机
Loader
② 干燥机
Hopper Dryer
③ 吸料口
Material Inlet
④ 料桶
Material Storage Tank
⑤ 吸料枪
Suction Tube



XC-VAL300G



XC-VAL300G-E

# 独立式吸料机
## STANDARD SELF-CONTAINED HOPPER LOADER

**特 点:**

◎体积小、重量轻，可直接放置在干燥机或其他原料容器上，完成自动上料工作；
◎线控式控制器，使用便捷；
◎过载、缺料报警；
◎与原料接触的部分均采用不锈钢材质，确保原料在输送过程中不被污染；
◎310G采用高速碳刷式马达，体积小、吸力强，配备滤清器，适合用于新料输送；
◎400G采用感应式高压风机，具有逆转自动清除粉尘功能，噪音少、寿命长。

**FEATURE:**

◎With a small footprint and low weight, it can be directly placed on dryers or other raw material containers to complete the automatic feeding work;
◎Wire-controlled controller, easy to use;
◎Alarm for overload and material shortage;
◎Material contact parts are made of stainless steel to ensure that raw materials are not polluted during conveying;
◎310G adopts high - speed carbon brush motor with filter, small size, strong suction, suitable for conveying new materials;
◎400G adopts induction high-pressure motor, which has the function of reversing and automatically removing dust, with low noise and long life.



XC-X310G

**技术参数 SPECIFICATIONS**

| 型号 Model | | XC-X310G | XC-X400G |
|---|---|---|---|
| 马达 Motor | 型式 Type | 碳刷式 Carbon Brush | 感应式 Induction |
| | 规格 Specification | 1.1KW/1.3HP 1Φ | 0.75KW/1HP 3Φ |
| 输送能力 Conveying Capacity (Kg/h) | | 300 | 330 |
| 吸料扬程 Loading Distance(m) | | 3.5 | 4 |
| 静风压 Static Wind Pressure(mm/$H_2o$) | | 1300 | 1400 |
| 储料桶容量 Reservoir Volume(L) | | 7.5 | 7.5 |
| 送料管内径 Conveying Tube Inner Diameter(mm) | | Φ38 | Φ38 |
| 配料送管 Specification Of The Attached Hoses(mm) | | Φ38mmx4m 1Pc | Φ38mmx4m 1Pc |
| 外形尺寸 Dimension, L*W*H(mm) | | 420x340x570 | 460x390x660 |
| 净重约 Approx.Net Weight(Kg) | | 14 | 26 |

输送能力及吸料扬程参数以ABS材料测试得出；实际数值或因塑料比重、形状、输送长度、高度、管路特性、参数设定等因素的不同而有所改变。
吸料机在输送热料时，料管需选配耐160摄氏度高温料管。

Conveying capacity and loading distance are tested by ABS material; actual data may differ by plastic proportions, shapes, loading lengths and heights, pipe conditions and parameter settings.
For processing hot materials, Heat-Resistant(160℃) pipes are necessary.



XC-X400G

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





# 分体式吸料机
## STANDARD SEPARATE- VACUUM HOPPER LOADER

**特 点:**

◎主机与料斗分体式设计，安装简单，轻便耐用；
◎独立式滤清装置，透明积尘罩，更方便观察过滤桶内积尘情况，方便及时清理积尘；
◎液晶显示微电脑控制器，各项参数均可调节，操作便捷，显示直观；
◎具有马达过载自动保护，缺料报警，自动反吹清网功能；
◎独立控制截料式吸料盒、两料比例阀及破真空阀；
◎标配欧化式磁簧感应料斗，感应灵敏，运行稳定；
◎采用感应式高压风机，噪音小、寿命长；
◎可选配通讯功能，实现自动化管理；

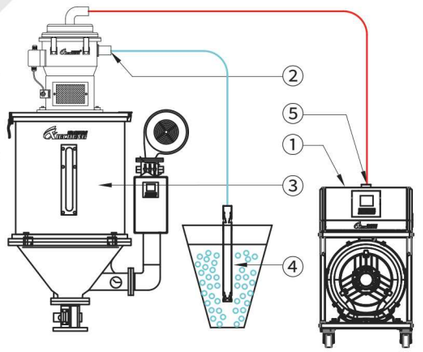
**FEATURE:**

◎Detachable design for main blower and hopper, easy to install, light and durable;
◎Independent filter with transparent shell, easier to observe the dust accumulation in filter barrel, convenient to remind cleaning in time;
◎LCD microcomputer controller with adjustable parameters, easy and convenient to operate;
◎With protection functions as motor overload automatic protection, alarm for material shortage and automatic dust - removing;
◎Independent control for material-cutting suction box, proportional valve and vacuum breaking valve;
◎Standardly equipped with Euro type stainless hopper controlled by magnetic reed, sensitive and stable in running;
◎Adopt induction high-pressure blower with low noise and long durability;
◎Optional for communication function to realize automated management.



XC-X810G

**安装示意图 INSTALLATION DIAGRAM**




**技术参数 SPECIFICATIONS**

| 型号 Model | | XC-X810G | XC-X810G2 |
|---|---|---|---|
| 马达 Motor | 型式 Type | 感应式 Induction | 感应式 Induction |
| | 规格 Specification | 1.1KW/1.5HP 3Φ | 1.5KW/2HP 3Φ |
| 输送能力 Conveying Capacity (Kg/h) | | 450 | 500 |
| 吸料扬程 Loading Distance(m) | | 4 | 5 |
| 静风压 Static Wind Pressure(mm/$h_2o$) | | 1800 | 2400 |
| 储料桶容量 Reservoir Volume(L) | | 7.5 | |
| 送料管内径 Conveying Tube Inner Diameter(mm) | | Φ38 | |
| 配料送管 Specification Of The Attached Hoses(mm) | | Φ38mmx8m 1Pc | |
| 外形尺寸 Dimension(cm) | 主机 Main Frame | 44×37×67 | |
| | 料斗 Hopper | 38x28x45 | |
| 净重约 Approx.Net Weight(Kg) | | 48 | 48.5 |

输送能力及吸料扬程参数以ABS材料测试得出；
实际数值或因塑料比重、形状、输送长度、高度、管路特性、参数设定等因素的不同而有所改变。
吸料机在输送热料时，料管需选配耐160摄氏度高温料管。

Conveying capacity and loading distance are tested by ABS material;
Actual data may differ by plastic proportions, shapes, loading lengths and heights, pipe conditions and parameter settings.
For processing hot materials, Heat-Resistant(160℃) pipes are necessary.

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

# 大功率吸料机
## SEPARATE-VACUUM HOPPER LOADER

### 特点:

◎专门针对用料量大、输送距离长，有粉碎料和粉末的情况所开发的机型；
◎多种功率型号，配备多种送料管径以及多种料斗容量，以满足各种用料量需求；
◎具有马达过载保护，缺料报警，逆转自动清除粉尘功能；
◎行业领先的液晶显示微电脑控制器，各项参数均可调节，显示直观，操作便捷；
◎独特旋风桶和大型的粉尘隔离、收集系统采用先进的设计，维护方便快捷；
◎独立控制截料式吸料盒、两料比例阀及破真空阀；
◎5HP以上配备破真空阀，防止风机频繁启停，延长风机的使用寿命；
◎全系列配备欧化不锈钢磁簧料斗，磁簧开关控制，感应灵敏，运行稳定；
◎可选配通讯功能，实现自动化远程管理。

### FEATURE:

◎Specially developed for situations with large material consumption, long conveying distances, and the presence of crushed materials and powders;
◎With multiple power models, various feeding pipe diameters and hopper capacities to meet various material consumption requirements;
◎Safety Functions as overload protection, phase sequence protection, automatic reverse running for dust removing;
◎Industry leading LCD microcomputer controller with adjustable parameters, intuitive display and convenient operation;
◎Unique cyclone barrel and large dust isolation and collection system adopt advanced design, easy and fast to maintain;
◎Independent control of the cutting-type suction box, two-material proportional valve, and vacuum break valve;
◎≥ 5HP are standardly equipped with vacuum breaking valves to prevent frequent start and stop to prolong the service life of the motor ;
◎Whole series models default with euro type stainless hopper controlled by magnetic reed, sensitive and stable in running;
◎Optional for communication function to realize automated management;



**XCAL-5HP**
**Separate-vacuum Hopper Loader**

## 技术参数 SPECIFICATIONS

| 型号 Model | | XCAL-1.5HP | XCAL-2HP | XCAL-3HP | XCAL-5HP | XCAL-7.5HP | XCAL-10HP | XCAL-15HP |
|---|---|---|---|---|---|---|---|---|
| 马达 Motor (Hp/kw) | | 1.5/1.1 | 2/1.5 | 3/2.2 | 5/3.75 | 7.5/5.5 | 10/7.5 | 15/11 |
| 输送能力 Conveying Capacity(Kg/h) | | 450 | 500 | 590 | 820 | 1000 | 1300 | 1500 |
| 吸料扬程 Loading Distance(m) | | 5 | 5 | 5 | 5 | 6 | 6 | 6 |
| 静风压 Static Wind Pressure(mm/H₂O) | | 2800 | 2800 | 2800 | 3200 | 4200 | 4500 | 4500 |
| 料斗容量 Storage Tank Volume (L) | | 7.5 | 7.5 | 12 | 24 | 30 | 30 | 30 |
| 送料管内径 Conveying Tube Inner Diameter(mm) | | Φ38 | Φ38 | Φ51 | Φ51 | Φ63 | Φ63 | Φ63 |
| 配送管道 Specification Of The Attached Hoses(mm) | | Φ38mmx8m 1Pc, | Φ38mmx8m 1Pc, | Φ51mmx10m 1Pc | Φ51mmx10m 1Pc | Φ63mmx12m 1Pc | Φ63mmx12m 1Pc | Φ63mmx12m 1Pc |
| 外形尺寸 Dimension (mm) DxWxH | 主机 Main Frame | 500x420x1090 | | | | 690x520x1440 | | 990x850x1420 |
| | 料斗 Hopper | 380x280x450 | 380x280x450 | 430x330x580 | 430x330x690 | | 430x330x830 | |
| 净重约Approx.Net Weight(Kg) | | 56 | 56 | 68 | 81 | 137 | 152 | 168 |

输送能力及吸料扬程参数以ABS材料测试得出；
实际数值或因塑料比重、形状、输送长度、高度、管路特性、参数设定等因素的不同而有所改变。
吸料机在输送热料时，料管需选配耐160摄氏度高温料管。

Conveying capacity and loading distance are tested by ABS material;
Actual data may differ by plastic proportions, shapes, loading lengths and heights, pipe conditions and parameter settings.
For processing hot materials, Heat-Resistant(160°C) pipes are necessary.

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





# 一机多斗型吸料机
## MULTI-STATION HOPPER LOADER



真空料斗
Vacuum Hopper



电眼料斗
Sensor Hopper



一机多斗吸料机
Multi-station Hopper Loader

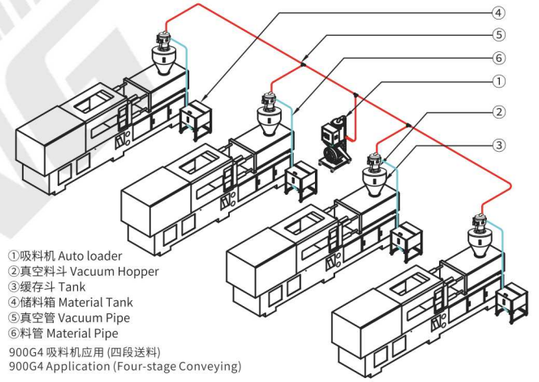
### 特 点:

◎一机拖多斗，节省设备配置，节约空间，可根据实际使用情况选配欧化磁簧真空料斗或电眼料斗；
◎尤其适用干燥、供料一体化系统，简化系统结构，提高使用效率，方便操作；
◎配备自动喷洗除尘装置，可自动清理滤清器上的粉尘；
◎行业领先的液晶显示微电脑控制器，各项参数均可调节，显示直观，操作便捷；
◎独特旋风桶和大型的粉尘隔离、收集系统采用先进的设计，维护方便快捷；
◎5HP以上标配破真空阀功能，防止风机频繁启停，延长风机的使用寿命；
◎可选配通讯功能，实现自动化远程管理。

### FEATURE:

◎One main machine controlling several hoppers to save cost and space; Euro type magnetic reed vacuum hoppers and sensor hoppers are alternative.
◎Especially suitable for drying and feeding integrated system, simplifying system structure, improving service efficiency and facilitating operation;
◎Equipped with automatic spray cleaning dust removal device, which can automatically clean the dust on the filter;
◎Industry leading LCD microcomputer controller with adjustable parameters, intuitive display and convenient operation
◎The unique cyclone barrel and the large-scale dust isolation and collection system adopt advanced design, which is convenient and fast to maintain;
◎≥5HP comes standard with vacuum breaking valve function to prevent frequent start and stop of blower and extend the service life of blower;
◎Optional for communication function to realize automated management;

### 安装示意图 INSTALLATION DIAGRAM




①吸料机 Auto loader
②真空料斗 Vacuum Hopper
③缓存斗 Tank
④储料箱 Material Tank
⑤真空管 Vacuum Pipe
⑥料管 Material Pipe
900G4 吸料机应用 (四段送料)
900G4 Application (Four-stage Conveying)

## 技术参数 SPECIFICATIONS

| 型号 Model | XC-XY900G2 | XC-XY900G3 | XC-XY900G4 |
|---|---|---|---|
| 马达Motor(Hp/kw) | 1.5/1.1 | 2/1.5 | 3/2.2 |
| 输送能力 Conveying Capacity (Kg/h) | 440 | 500 | 590 |
| 吸料扬程 Loading Distance(m) | 4 | 4 | 5 |
| 静风压 Static Wind Pressure(mm/H₂o) | 2400 | 2400 | 2400 |
| 储料桶容量 Storage tank Volume(L) | 7.5x2 | 7.5x3 | 12x4 |
| 送料管内径 Conveying Tube Inner Diameter(mm) | Φ38 | Φ38 | Φ51 |
| 配料送管 Specification Of The Attached Hoses(mm) | Φ38mmx5m 4Pcs | Φ38mmx5m 6Pcs | Φ51mmx5m 8Pcs |
| 外型尺寸 Dimension(mm) | 500x550x1090 | | |
| 净重约 Approx.Net Weight(Kg) | 68 | 82 | 113 |

输送能力及吸料扬程参数以ABS材料测试得出；实际数值或因塑料比重、形状、输送长度、高度、管路特性、参数设定等因素的不同而有所改变。
吸料机在输送热料时，料管需选配耐160摄氏度高温料管。
Conveying capacity and loading distance are tested by ABS material; actual data may differ by plastic proportions, shapes, loading lengths and heights, pipe conditions and parameter settings.
For processing hot materials, Heat-Resistant(160°C) pipes are necessary.

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

## 吸料机配件 LOADER ACCESSORIES



吸料枪 Suction Tube

吸料机标准配件，全不锈钢制作，使用方便。
Standard item for hopper loaders, made by stainless steel, easy to use.



滤清器 Filter

在输送含粉料较多的原料时使用，以保障电机的正常运转，从而延长电机使用寿命
To avoid motor damage by powder in material loading and keep long term running.

# 吸粉机
## POWDER AUTO LOADER

本系列粉末送料器采用真空吸送原理，可将平均微粒直径在1000目以内的各种粉末及颗粒原料从各种储料容器送至指定的设备。可与型材机组、配混系统、化工加工设备配套使用，完全代替人工加料，是粉末输送理想的环保设备。

The powder loaders in this series adopt vacuum suction, capable of transporting general particles and powders (with diameter within 1000 mesh) from storage into subject equipment. The loaders could be used for molding or forming machine, mixing system and chemical processing equipment, completely saving labor costs and being ideal environmental choice for powder conveying.

### 特点：

◎采用高密度截尘过滤装置，强度高、截尘效果好，无污染；
◎该机具有工作时运转稳定、无噪音、无粉尘污染；
◎振动排料系统可防止粉末搭桥，使排料更流畅；
◎采用脉冲压缩空气反吹清理装置，气口“爆炸式”冲击滤面，清理效果好；
◎反吹时吸气口和吸料口自动关闭，无粉尘外泄，不污染环境；
◎采用一次吸料一次反吹清理，使送料效率更高，并可延长过滤装置的使用寿命。
◎可选配通讯功能，实现自动化远程管理。

### FEATURE:

◎High density dust filter device is adopted, which has high strength, good dust interception effect and no pollution;
◎The machine has stable operation, no noise, no dust pollution during work;
◎Vibrating discharge system prevents powder bridging and makes loading smoother;
◎Adopted pulse compressed air reverse cleaning device, air explosive shock in filter surface makes good cleaning effect;
◎During the reverse cleaning process, the air and material suction inlets will be shut to avoid polluting the environment;
◎The system alternates between material loading and reverse cleaning, making loading more efficient and the filter devices more durable;
◎Optional for communication function to realize automated management.



注：此机可适用于1000目以内的没有粘性、干的粉末。
This loader can process dry and non-sticky powder within 1000 mesh.

### 技术参数 SPECIFICATIONS

| 型号 Model | 输送能力(kg/h) Conveying Capacity | 料斗有效容量(L) Hopper Practical Capacity | 旋涡泵功率(KW) Vortex Pump Power | 旋涡电压(V) Vortex Pump Voltage | 吸气管直径(mm) Suction Tube Diameter | 吸料管直径(mm) Absorb Tube Diameter |
|---|---|---|---|---|---|---|
| XC-XF5HP | 400 | 40 | 4 | 220~440V/50~60HZ/3P | 51 | 38/51 |
| XC-XF7.5HP | 600 | 40 | 5.5 | | 63 | 51/63 |
| XC-XF10HP | 800 | 60 | 7.5 | | 63 | 51/63 |
| XC-XF15HP | 1000 | 60 | 11 | | 63 | 51/63 |

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





# 强制下料斗
## FORCED LOWERING HOPPER

强制下料斗是一种辅助下料装置，主要用在注塑机或挤出机上，当片料尺寸大，质量轻，进入注塑机机筒时因为架桥而导致下料困难，采用此装置可强行将片料挤入机筒，完成下料作业。

Forced lowering hopper is an auxiliary feeding device primarily used in injection molding machines or extruders. When the size of the sheet material is large and its weight is light, it may cause bridging difficulties when entering the barrel of the injection molding machine. This device can forcibly push the sheet material into the barrel, ensuring the completion of the feeding process.



### 特 点:

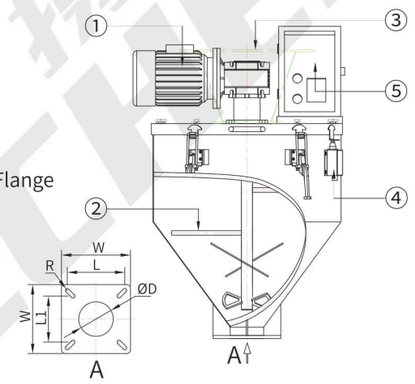
◎破架桥结构，下料口螺旋叶片设计，确保原料顺利进入机筒内；
◎料斗内设计旋转轴支撑结构，确保运行稳定；
◎配备变频器，可根据产量需求调节下料速度；
◎可拆式顶部零配件（桶盖、减速马达和螺杆），便于清理；
◎配主电源开关及安全连锁保护装置确保操作者安全及机器本身无损坏；
◎配备转接法兰，可与吸料机搭配使用；

### FEATURE:

◎The broken - bridge structure and the screw - paddle design of the discharge outlet ensure that the raw materials enter the barrel smoothly;
◎Material contact surfaces are all made of stainless steel, to prevent raw materials from being polluted;
◎Equipped with frequency converter, can adjust the discharge speed according to production requirements;
◎Removable top accessories (barrel cover, reduction motor and screw) for easy cleaning;
◎Equipped with main power switch and safety interlock protection device, to ensure the safety of the operator and no damage to the machine;
◎Equipped with adapter flange, it can be used with auto loader.

### 结构简图 STRUCTURE DIAGRAM

①搅拌电机
Mixing motor
②搅拌叶
Mixing paddle
③料斗转接法兰
Hopper adapter Flange
④安全开关
Safety Switch
⑤控制箱
Controller Box




### 选配件

◎当与干燥机搭配使用时可选配专用法兰；
◎阻旋式料位计做为高料位；
◎保温型，防止热能散失。

### OPTIONAL ACCESSORIES

◎When used with dryer,the special adapter flange can be selected;
◎Paddle type material level meter is made of the high material level;
◎Thermal insulation type to prevent heat loss.

### 技术参数 SPECIFICATIONS

| 型号 Model | 搅拌电机功率(kw) Mixing motor power | 容量(kg) Capacity | 转速(r/min) Rotanging Speed | 外形尺寸(mm)WxDxH Dimensions | 安装尺寸(mm)WxLxL1xRXD Installation size |
|---|---|---|---|---|---|
| XC-BH50U | 0.55 | 50 | 14-20 | 567x650x830 | 180x150x120x6.5x89 |
| XC-BH75U | 0.75 | 75 | 14-20 | 675x730x960 | 180x150x120x6.5x89 |
| XC-BH100U | 1.5 | 100 | 14-20 | 700x790x1140 | 200x170x120x6.5x102 |

注：
(1)电压规格：220V~460/50~60HZ/3P。
(2)产品规格若有变更，恕不另行通知。
(3)变频器工作范围:15-60hz。

Note:
(1) Voltage: 220V~460/50~60HZ/3P.
(2)We reserve right to change specifications without prior notice
(3) Frequency converter working range: 15-60hz.

注：只适用于堆积密度≤0.3 KG/L的片状材料。 Note: For flake type material only suitable for those with bulk density ≤ 0.3 KG/L

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

# 太空包下料站
## CONTAINER BAG DISCHARGE STATION



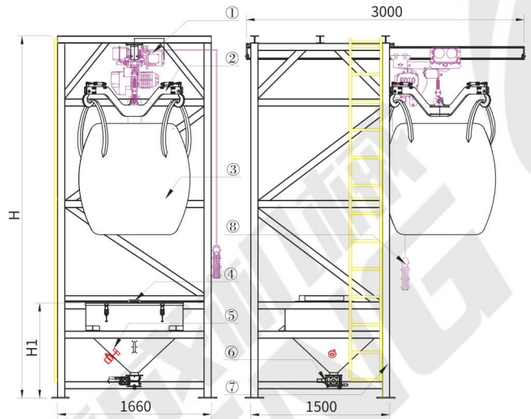
### 特 点:

◎对吨包袋物料进行卸料与输送，用于产线供料或者料仓加料；
◎采用遥控电机起吊方式；
◎底部下料斗有抽料型和送料型两种，抽料型配备吸料盒，
送料型配备旋转定量下料阀；

### FEATURE:

◎Designed for unloading and conveying bulk materials from ton bags, suitable for production line feeding or silo filling;
◎Using remote control motor lifting method;
◎Equipped with two types of bottom discharge hoppers: a suction-type hopper with a material suction box, and a feeding-type hopper with a rotary quantitative discharge valve.

### 结构简图: STRUCTURE DIAGRAM




① 电动吊机 Electric Crane
② 自动吊篮 Automatic Hanger
③ 吨包袋 Jumbo Bag
④ 手动投料盖 Manual feed cap
⑤ 料位开关 Material level switch
⑥ 吸料盒/旋转下料阀
Suction Box/Rotary Discharge Valve
⑦ 爬梯 The ladder
⑧ 手柄控制器 Manual Controller

### 技术参数 SPECIFICATIONS

| 型号 Model | 吊机功率(kw) Crane power | 起吊重量(kg) Lifting weight | 旋转定量下料阀功率 Rotary quantitative discharge valve power | 储料箱容量(L) Storage tank capacity | 总高度(mm)H Total height | 投料口高度(mm)H1 Feeding port height |
|---|---|---|---|---|---|---|
| XC-TKX-D | 3 | ≤1500 | — | 600 | 3960 | 970 |
| XC-TKS-D | | | 1.1 | | 4310 | 1320 |

注：
(1)电压规格：220V~460/50~60HZ/3P。
(2)产品规格若有变更，怒不另行通知。
(3)标配无线手控器。

Note:
(1) Voltage: 220V~460/50~60HZ/3P.
(2) We resrve the right to change specification without prior notice.
(3) Equipped with wireless hand controller.

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





# 正压输送系统
## POSITIVE PRESSURE CONVEYING SYSTEM

携成正压输送系统主要用于颗粒的正压输送，在对原料用料量相对较大、输送时间短的情况下使用，具有输送量大、输送行程远和不污染原料的优势，正压输送因为带旋转下料阀，所以只能输送颗粒料，其余原料容易造成旋转下料阀卡死。

The Xiecheng Positive Pressure Conveying System is primarily designed for the conveying of granular materials. It is ideal for applications requiring large material volumes and short conveying times, offering advantages such as high conveying capacity, long-distance conveying, and contamination-free material handling. Due to the inclusion of a rotary discharge valve, this system is suitable only for granular materials, as other types of materials may cause the valve to jam.

### 特 点:

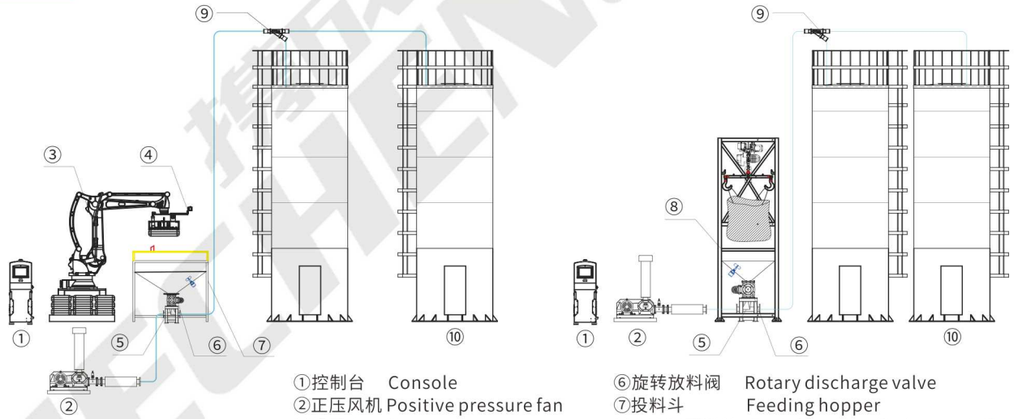
◎采用正压风力输送，输送距离远，垂直高度高，输送量大，
且不污染原料；
◎可以从单点向多点送料，或者多点向多点输送；
◎集料斗采用不锈钢材质，不污染原料；
◎可选配自动拆包机器人及太空包下料站自动下料。



### FEATURE:

◎Positive pressure air conveying, enabling long-distance and high vertical conveying with large capacity, while ensuring no pollution of raw materials;
◎Supports single-point to multi-point or multi-point to multi-point material distribution;
◎Stainless steel collection hopper to prevent material pollution;
◎Optional integration with automatic unpacking robots and container bag discharge stations for fully automated material handling.

### 工作原理 WORKING PRINCIPLE




①控制台 Console
②正压风机 Positive pressure fan
③机器人 Robot
④视觉系统 Visual system
⑤加速室 Acceleration room
⑥旋转放料阀 Rotary discharge valve
⑦投料斗 Feeding hopper
⑧太空包下料站 Container bag discharge station
⑨自动分料阀 Automatic material distribution valve
⑩料仓 silo

### 技术参数 SPECIFICATIONS

| 型号 Model | 投料斗容量(L) Capacity of the feed hopper | 最大处理量(kg/hr) Max capacity | 输送距离(M) Conveying distance | 料管直径(mm) Pipe diameter | 送料风机功率(KW) Feeding fan power | 旋转下料阀功率(KW) Rotary discharge valve power | 外形尺寸(mm) WxDxH Dimensions |
|---|---|---|---|---|---|---|---|
| XC-PPC4-7.5 | 100 | 1500~2000 | 15 | 63 | 5.5 | 0.75 | 1510x710x1050 |
| XC-PPC4-10 | 120 | 2000~2500 | 15 | 76 | 7.5 | 0.75 | 1600x800x1100 |
| XC-PPC5-15 | 160 | 3000~3500 | 15 | 89 | 11 | 1.1 | 1600x880x1150 |

注：(1)最大处理量是以比重为0.65,直径为2-3MM的全新塑料颗粒、连续运行测试所得数据。
(2)产品规格若有变更，怒不另行通知。
(3) 可选配拆包刀片，配机器人自动拆包使用。

Note:(1) The maximum processing capacity is the data obtained from the continuous operation test of plastic pellet with a specific gravity of 0.65 and a diameter of 2-3MM.
(2) We reserve right to change specifications without prior notice.
(3)Optional for unpacking cutters to compate with auto unpacking robots.

# 中央式吸料系统
## CENTRALIZED FEEDING SYSTEM



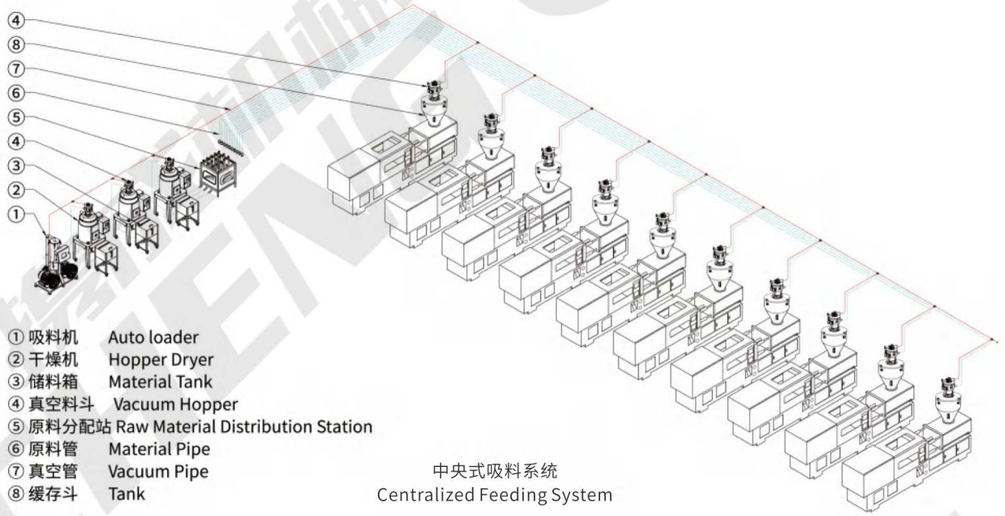
### 性能特点：

◎采用旋风过滤一体式设计，有效的减轻过滤器的负荷；
◎采用7″PLC控制触摸屏显示，状态显示直观，操作简便；
◎具有独立的截料输出功能，可直接控制最多12个截料阀；
◎搭配欧式中央不锈钢料斗，确保原料不受污染；
◎标配通讯功能以及声光报警装置；
◎主机配有自动喷洗装置，具有不停机自动清洗功能；
◎标配破真空分离阀，延长风机寿命。

### FEATURE:

◎Integrated design with cyclone filter to effectively reduce burden to the filter;
◎7″ PLC touch screen display controller, with intuitive status display and easy operation;
◎With individual cutting output function and can directly control up to 12 material shut off valve;
◎Equipped with European-style central stainless steel hopper to ensure no contamination to raw materials;
◎Default with communication port and sound and light alarm device;
◎The main machine is equipped with an automatic spray cleaning device and has a non-stop automatic cleaning function;
◎Default equipped vacuum breaking separation valve to extend the life of the blower.

### 安装示意图 INSTALLATION DIAGRAM




① 吸料机 Auto loader
② 干燥机 Hopper Dryer
③ 储料箱 Material Tank
④ 真空料斗 Vacuum Hopper
⑤ 原料分配站 Raw Material Distribution Station
⑥ 原料管 Material Pipe
⑦ 真空管 Vacuum Pipe
⑧ 缓存斗 Tank

中央式吸料系统
Centralized Feeding System





# 自动原料分配站
## AUTO RAW MATERIAL DISTRIBUTION STATION



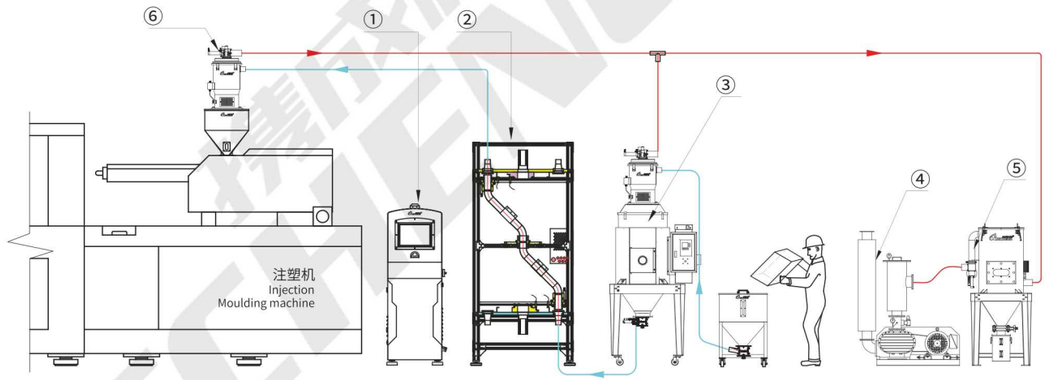
### 特 点:

◎通过PLC控制，实现任一原料和任一目的地的全自动运作；
◎采用伺服电机驱动，定位精准，确保管道正确连接；
◎可实现远程监控，实时掌握原料的来源与流向；
◎可实现物料的追溯，随时查询机台的历史用料情况；
◎可选配通讯功能，实现自动化管理。

### FEATURE:

◎Fully automatic operation through PLC control, enabling the distribution of any raw material to any destination;
◎Adopt by servo motor, precise positioning ensures correct connection of pipelines;
◎It can realize remote monitoring and grasp the source and flow direction of raw materials in real time;
◎Material traceability can be realized, and the historical material usage of the machine can be queried at any time;
◎Optional for communication function to realize automated management.

### 结构简图: WORKING PRINCIPLE




① 中央控制站 Central control station
② 自动原料分配站 Automatic raw material distribution station
③ 欧化干燥机 Euro-Hopper Dryer
④ 罗茨风机 Roots blower
⑤ 脉动集尘器 Pulse dust collector
⑥ 中央式料斗 Central Hopper

### 技术参数 SPECIFICATIONS

| 型号 Model | 吸料管径(mm) Suction pipe diameter | 材料种类 Material type | 机台数量 Number of machines | 外形尺寸(mm) WxLxH External dimensions |
|---|---|---|---|---|
| XC-ELS**/08-16 | 38/51/63 | 2~20 | 2~20 | 920x920x2050 |

注：
(1)电压规格：220V/50~60HZ/1P。
(2)产品规格若有变更，恕不另行通知。

Note:
(1) Voltage: 220V/50~60HZ/1P.
(2) We resrve the right to change specification without prior notice.

根据客户的材料种类，机台数量定制。According to the customer's material type, the number of machines is 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.**

# 中央供料系统
## CENTRALIZED FEEDING SYSTEM

### 性能特点：

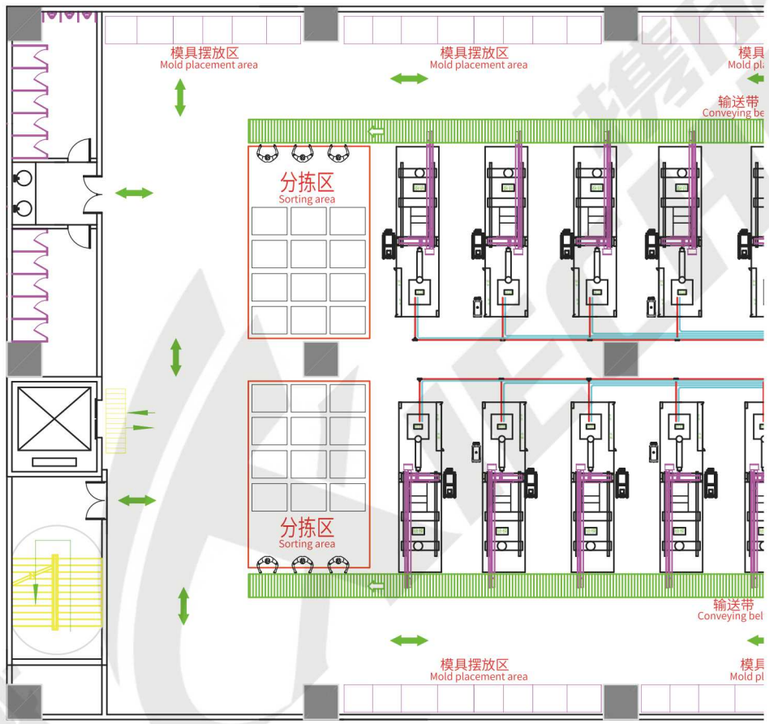
◎高效的生产流程；
◎整洁的生产场地；
◎灵活的现场管理；
◎生产成本大幅降低；
◎产品品质显著提高；
◎公司形象全面提升。

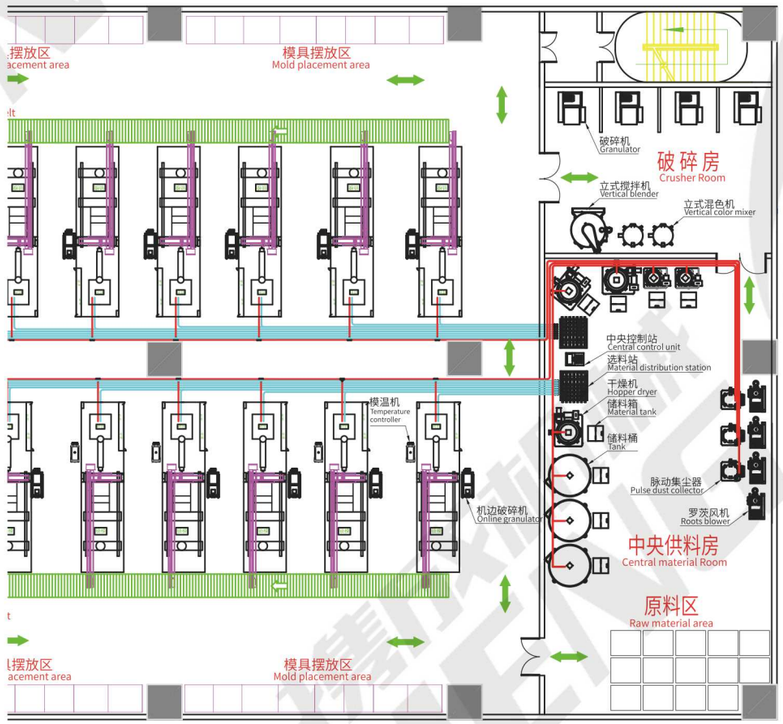
### FEATURE:

◎Production procedure of high efficiency;
◎Clean production locale;
◎Flexible locale management;
◎Great reduction in manufacturing cost;
◎Evident quality improvement;
◎Company image improvement.



**脉动集尘器**
PULSATION DUST COLLECTOR






**原料分配站**
RAW MATERIAL DISTRIBUTION STATION



**中央控制台**
CENTRAL CONTROL UNIT



**罗茨风机**
ROOTS BLOWER



**中央式电眼料斗**
CENTRAL SENSOR HOPPER



**中央式磁簧料斗**
CENTRAL MAGNETIC HOPPER

**所有原料阀件均采用304铸造件**
All raw material valves are made of SS304 castings



**单管抽空吸料盒**
SINGLE TUBE VACUUM SUCTION BOX



**截风阀**
AIR SHUTOFF VALVE



**双管抽空吸料盒**
DOUBLE TUBE VACUUM SUCTION BOX



**自动分料阀**
AUTOMATIC DISTRIBUTING VALVE

# 组装式方形料仓

## ASSEMBLED SQUARE SILO

组装式方型料仓以模块化设计为核心，由高强度不锈钢制成，可根据实际需求灵活组装和扩展，可拆卸的室内材料是可以轻松通过所有标准门，无需昂贵的运输费用。它有多种不同尺寸和容量。

The assembled square silo is centered around modular design. It is made of high-strength stainless steel and can be flexibly assembled and expanded according to actual requirements.
The detachable components can easily pass through all standard doors, eliminating the need for expensive transportation costs. It comes in a variety of different sizes and capacities.



### 技术参数 SPECIFICATIONS

| 型号 Model | 外形尺寸(mm)WxDxH Dimensions | 容量(kg) Capacity | 箱体材料厚度(mm) Thickness of box material |
|---|---|---|---|
| XC-AT2m³ | 1400×1400×3070 | 1300KG | 1.5 |
| XC-AT3m³ | 1400×1400×3750 | 2000KG | 1.5 |
| XC-AT4.5m³ | 1400×1400×4450 | 3000KG | 1.5 |
| XC-AT8m³ | 1650×1650×5200 | 5200KG | 2.5 |
| XC-AT10m³ | 1650×1650×5850 | 6500KG | 2.5 |
| XC-AT16m³ | 2300×2300×5600 | 10000KG | 3.0 |
| XC-AT23m³ | 2300×2300×6980 | 15000KG | 3.0 |
| XC-AT40m³ | 2900×2900×7200 | 26000KG | 4.0 |
| XC-AT50m³ | 2900×2900×8550 | 32500KG | 4.0 |

注：(1)容量按材料密度0.65计算。
(2)产品规格若有变更，怒不另行通知。
(3)总高度包含护栏1100MM高度。

Note: (1) Capacity is calculated based on a material density of 0.65.
(2) Product specifications are subject to change without prior notice.
(3) Total height includes a guardrail height of 1100mm.

### 特点：

◎模块化设计，模块由面板组成，螺栓连接，便于运输和现场组装；
◎料仓所有部件均可拆卸，可轻松通过所有标准门口；
◎运输方便，降低存储和物流成本；
◎原料接触部份采用不锈钢材质制作，确保原料不会被污染；
◎各种容量的规格满足不同客户的需求；
◎底部可选配称重模块，可通讯到中央操控站进行物料消耗的实时监控。

### FEATURE:

◎Modular design - The modules are composed of panels and connected by bolts, facilitating transportation and on-site assembly;
◎All components of the silo are detachable and can easily pass through all standard doorways;
◎Convenient for transportation, which reduces storage and logistics costs.
◎The parts in contact with raw materials are made of stainless steel to ensure that raw materials are not contaminated;
◎Various capacity specifications can meet the needs of different customers;
◎A weighing module can be optionally installed at the bottom, which can communicate with the central control station for real-time monitoring of material consumption.

# 小型方形储料箱

## SMALL SQUARE MATERIAL STORAGE TANK

小型方型储料箱专为小批量物料存储设计，其方形设计便于紧凑布置，优化空间利用率。原料接触部分采用不锈钢材质制作，确保原料不会被污染，同时拥有各种容量规格满足不同客户的需求。

The small square storage box is specially designed for the storage of small-batch materials. Its square design facilitates compact layout and optimizes space utilization. The parts in contact with raw materials are made of stainless steel to ensure that raw materials are not contaminated. It also has various capacity specifications to meet the needs of different customers.



### 技术参数 SPECIFICATIONS

| 型号 Model | 外形尺寸(mm)WxDxH Dimensions | 容量(L) Capacity | 箱体材料厚度(mm) Thickness of box material |
|---|---|---|---|
| XC-FT50KG | 500×500×760 | 80 | 1.0 |
| XC-FT100KG | 600×600×880 | 160 | 1.0 |
| XC-FT200KG | 750×750×1090 | 320 | 1.2 |
| XC-FT300KG | 850×850×1155 | 450 | 1.5 |
| XC-FT500KG | 1050×1050×1330 | 750 | 1.5 |

注：(1)容量按材料密度0.65计算。
(2)产品规格若有变更，怒不另行通知。

Note: (1) Capacity is calculated based on a material density of 0.65.
(2) Product specifications are subject to change without prior notice.





# 大型圆形储料桶

## LARGE ROUND STORAGE SILO

### 特点：

◎储存容量大，支持大批量物料存储，满足高强度生产需求；
◎稳定的圆柱设计分散应力，增强抗压性和耐用性；
◎原料接触部分采用不锈钢材质制作，确保原料不会被污染；
◎各种容量的规格满足不同客户的需求；
◎底部可选配称重模块，可通讯到中央操控站进行物料消耗的实时监控。

### FEATURE:

◎Large storage capacity, capable of supporting the storage of large quantities of materials to meet the requirements of high-intensity production;
◎The stable cylindrical design distributes stress, enhancing compressive resistance and durability;
◎The parts in contact with raw materials are made of stainless steel to ensure that raw materials are not contaminated;
◎Various capacity specifications can meet the needs of different customers;
◎A weighing module can be optionally installed at the bottom, which can communicate with the central control station for real-time monitoring of material consumption.



### 技术参数 SPECIFICATIONS

| 型号 Model | 外形尺寸(mm)WxDxH Dimensions | 容量(L) Capacity | 箱体材料厚度(mm) Thickness of box material |
|---|---|---|---|
| XC-RT1000KG | 1360×1360×2350 | 1600 | 1.5 |
| XC-RT2000KG | 1600×1600×2670 | 3200 | 1.5 |
| XC-RT3000KG | 2130×2130×3130 | 4500 | 2.0 |
| XC-RT5000KG | 2060×2060×4145 | 7500 | 2.0 |
| XC-RT6500KG | 2360×2360×4020 | 10000 | 2.5 |
| XC-RT10000KG | 2360×2360×5320 | 16000 | 2.5 |

注：(1)容量按材料密度0.65计算。
(2)产品规格若有变更，怒不另行通知。
(3)总高度包含护栏1100MM高度。
(4)300KG以内立柱组装。

Note: (1) Capacity is calculated based on a material density of 0.65.
(2) Product specifications are subject to change without prior notice.
(3) Total height includes a guardrail height of 1100mm.
(4)300KG inner column assembly.

# 小型圆形储料箱

## SMALL ROUND MATERIAL STORAGE TANK

主要用于原料的储存，可放置于原料房或成型机边；亦可与粉碎机搭配使用，暂存粉碎机输送出来的物料，保证回收料连续立即回收使用。储料桶标配吸料盒，也可选装其它规格吸料盒或截料式吸料盒。小型圆型储料箱桶身采用圆柱形设计，圆形结构确保原料颗粒均匀分布，减少死角堆积。原料接触部分采用不锈钢材质制作，确保原料不会被污染，同时拥有各种容量规格满足不同客户的需求。

It is mainly used for the storage of raw materials. It can be placed in the raw material room or beside the molding machine. It can also be used in combination with a crusher to temporarily store the materials conveyed by the crusher, ensuring continuous and immediate recycling of recycled materials. The storage barrel is standardly equipped with a suction box, and other specifications of suction boxes or cut-off type suction boxes can also be optionally installed. The barrel body of the small circular storage box adopts a cylindrical design. The circular structure ensures uniform distribution of raw material particles and reduces dead-angle accumulation. The parts in contact with raw materials are made of stainless steel to ensure that raw materials are not contaminated. It also has various capacity specifications to meet the needs of different customers.



### 技术参数 SPECIFICATIONS

| 型号 Model | 外形尺寸(mm)WxDxH Dimensions | 容量(L) Capacity | 箱体材料厚度(mm) Thickness of box material |
|---|---|---|---|
| XC-RT50KG | 600×600×840 | 80 | 1.0 |
| XC-RT100KG | 740×740×900 | 160 | 1.2 |
| XC-RT200KG | 900×900×1200 | 320 | 1.5 |
| XC-RT300KG | 900×900×1340 | 450 | 1.5 |

注：(1)容量按材料密度0.65计算。
(2)产品规格若有变更，怒不另行通知。
(3)总高度包含护栏1100MM高度。
(4)300KG以内立柱组装。

Note: (1) Capacity is calculated based on a material density of 0.65.
(2) Product specifications are subject to change without prior notice.
(3) Total height includes a guardrail height of 1100mm.
(4)300KG inner column assembly.

# 闭式冷却塔
## CLOSED COOLING TOWER




**特点：**

◎冷却介质封闭循环，没有杂质进入，保证了介质的纯净；
◎冷却塔采用镀镁铝锌板材质作为塔体的基体钢材，有多种材质选择的盘管冷却器；
◎喷淋水把冷凝器外壁完全淋湿，避免了在干点部位形成水垢，将系统效率提高到最大的程度；
◎室外环境使用的三防专用风机，电机采用的防护等级为IP55级，绝缘等级为F级，轴流式风扇铝合金叶片；
◎占地面积小，可以根据需要移动、摆放，维护成本低。

**FEATURE:**

◎The cooling medium has a closed cycle and no impurities enter, ensuring the purity of the medium;
◎The cooling tower uses magnesium-aluminum-zinc plate material as the base steel of the tower body, and there are coil coolers with a variety of materials to choose from;
◎The spray water completely wets the outer wall of the condenser, avoiding the formation of scale in dry spots and maximizing system efficiency;
◎Special three-proof fan for outdoor environment, the motor adopts a protection grade of IP55, an insulation grade of F, and axial flow fan with aluminum alloy blades;
◎Small size, can be moved and placed as needed, and has low maintenance costs.

## 技术参数 SPECIFICATIONS

| 型号 Model | 冷却能力 Cooling Capacity | 冷却水量 Cooling Water Volume | 风机Exhaust Fan | | | 喷淋泵Spray Pump | | | 配管尺寸 Pipe size | | | 外形尺寸Dimensions | | | 重量Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kcal/h | $m^3/h$ | 风叶直径 Fan Diameter (mm) | 风量 Air Volume($m^3/h$) | 电机功率 Motor Power (kw) | 喷淋量 Spray volume($m^3/h$) | 扬程 Distance(m) | 功率(kw) Power | 进/出水口径 Inlet/outlet diameter(DN) | 排污 Sewage Discharge (DN) | 补水 Refilling Water (DN) | 长L (mm) | 宽W (mm) | 高H (mm) | 运输重量 Operating Weight (KG) |
| XC-ST10B | 50000 | 10 | 700 | $10*10^3$ | 0.75 | 11 | 10 | 0.55 | 50 | 25 | 25 | 1600 | 880 | 1950 | 400 |
| XC-ST15B | 75000 | 15 | 700 | $20*10^3$ | 0.75*2 | 16 | 7.5 | 0.75 | 65 | 25 | 25 | 2300 | 1020 | 2150 | 520 |
| XC-ST20B | 100000 | 20 | 700 | $20*10^3$ | 0.75*2 | 20 | 7 | 0.75 | 65 | 25 | 25 | 2300 | 1020 | 2150 | 550 |
| XC-ST30B | 150000 | 30 | 750 | $39*10^3$ | 1.1*2 | 22.3 | 10 | 1.1 | 65 | 32 | 25 | 2800 | 1170 | 2320 | 580 |
| XC-ST40B | 200000 | 40 | 800 | $40*10^3$ | 1.5*2 | 55 | 4.5 | 1.5 | 80 | 32 | 25 | 2800 | 1170 | 2420 | 900 |
| XC-ST50B | 250000 | 50 | 800 | $40*10^3$ | 1.5*2 | 70 | 4 | 1.5 | 80 | 32 | 25 | 2800 | 1170 | 2600 | 1050 |
| XC-ST60B | 300000 | 60 | 900 | $62*10^3$ | 2.2*2 | 65 | 5 | 1.5 | 80 | 32 | 25 | 2800 | 1170 | 2600 | 1150 |
| XC-ST70B | 350000 | 70 | 900 | $62*10^3$ | 2.2*2 | 80 | 4 | 2.2 | 100 | 32 | 25 | 2800 | 1600 | 2800 | 1400 |
| XC-ST80B | 400000 | 80 | 900 | $62*10^3$ | 2.2*2 | 90 | 5 | 2.2 | 100 | 32 | 25 | 2800 | 1600 | 2800 | 1450 |
| XC-ST100B | 500000 | 100 | 1000 | $80*10^3$ | 3*2 | 110 | 5 | 2.2 | 125 | 40 | 25 | 3400 | 1800 | 2960 | 1800 |
| XC-ST125B | 625000 | 125 | 1000 | $80*10^3$ | 3*2 | 120 | 5 | 3 | 125 | 40 | 25 | 3400 | 1800 | 3200 | 2250 |
| XC-ST150B | 750000 | 150 | 1300 | $110*10^3$ | 4*2 | 150 | 5 | 3 | 125 | 40 | 25 | 3400 | 1800 | 3450 | 2700 |
| XC-ST175B | 875000 | 175 | 1300 | $130*10^3$ | 4*2 | 170 | 5 | 4 | 125*2 | 40 | 25 | 4000 | 2000 | 3750 | 3150 |
| XC-ST200B | 1000000 | 200 | 1600 | $180*10^3$ | 5.5*2 | 200 | 6 | 5.5 | 150*2 | 40 | 25 | 4200 | 2200 | 3850 | 3600 |
| XC-ST250B | 1250000 | 250 | 1800 | $220*10^3$ | 5.5*2 | 250 | 6 | 7.5 | 150*2 | 50 | 32 | 4800 | 2200 | 4250 | 4300 |
| XC-ST300B | 1500000 | 300 | 1800 | $270*10^3$ | 11*2 | 270 | 6 | 7.5 | 150*2 | 50 | 32 | 5200 | 2500 | 4450 | 5150 |
| XC-ST400B | 2000000 | 400 | 2000 | $310*10^3$ | 11*2 | 155*2 | 5 | 4*2 | 150*2 | 50 | 32 | 6000 | 2800 | 4750 | 8900 |
| XC-ST500B | 2500000 | 500 | 2000 | $370*10^3$ | 15*2 | 185*2 | 5 | 5.5*2 | 125*4 | 50 | 32 | 6500 | 3000 | 5000 | 11500 |

备注：设计工况参数：进出水温差▲Ts=5℃(37℃→32℃) 室外干/湿球温度WTB=31.5℃/28℃ 大气压力：P=99.4kPa。
Remarks: Design working conditions parameters: Inlet and outlet water temperature difference ▲Ts=5℃ (37℃→32℃) Outdoor dry/wet bulb temperature WTB=31.5℃/28℃ Atmospheric pressure: P=99.4kPa.

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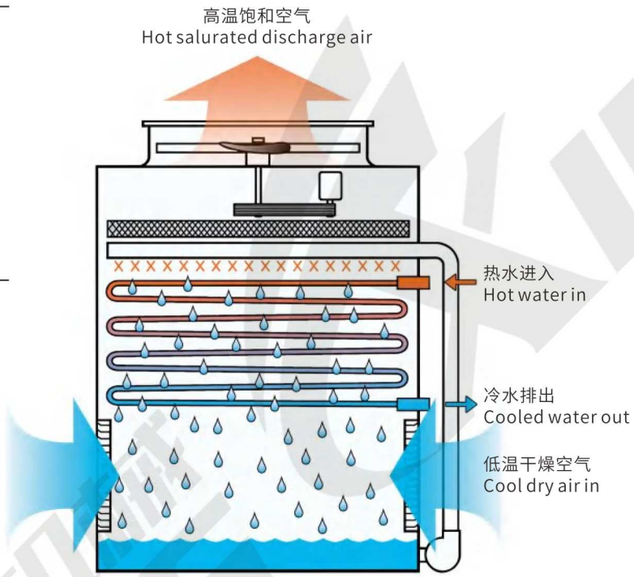


## 工作原理：

工作流体（纯水或其他液体）在闭式冷却塔的盘管内部循环，与散热水间接冷却，工作流体热量经过盘管散入流过盘管的水中。同时机组外的空气从底部的进风口进入，与水的流动方向交叉，逆向流经盘管，一小部分水蒸发而吸走热量，热湿空气由冷却塔顶部的通风机排出到大气中。其余的水落入底部水盘，由水泵再循环至水分布系统经过预冷填料又回淋到盘管上。

## WORKING PRINCIPLE:

The working fluid (pure water or other liquid) circulates inside the coil of the closed cooling tower and is indirectly cooled with the radiating water. The heat of the working fluid is dispersed into the water flowing through the coil through the coil. At the same time, the air outside the unit enters from the air inlet at the bottom, crosses the flow direction of the water, and flows in the opposite direction through the coil. A small part of the water evaporates and absorbs the heat. The hot and humid air is discharged into the atmosphere by the ventilator at the top of the cooling tower. The remaining water falls into the bottom water pan, is recirculated by the water pump to the water distribution system, passes through the pre-cooling filler, and is poured back onto the coil.




## 结构简图 STRUCTURE DIAGRAM




①风筒 Fan stack
②风机 Fan motor
③收水器 Drift eliminator
④喷淋系统 Distribution system
⑤出水口 Water outlet
⑥进水口 Water inlet
⑦喷淋泵 Spray pump
⑧表冷器 Surface air cooler
⑨进风格栅 Air inlet grille
⑩冷水盘 Water basin
⑪面板 Casing

# 横流式低噪音方形冷却塔
## CROSS FLOW TYPE LOW NOISE SQUARE COOLING TOWER




## 技术参数 SPECIFICATIONS

| 型号 Model | 冷却水量 Cooling Water Volume $m^3/h$ | 冷却能力 (kcal/h) | 外形总尺寸 Dimensions | | | Exhaust Fan | | | 重量 Weight | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 长L(mm) | 宽W(mm) | 高H(mm) | 风扇直径 Fan Diameter (mm) | 电机功率 Motor Power(kw) | 额定电流 Rated current（A） | 净重 Net Weight | 运行重 Operating Weight |
| XC-ST100F | 100 | 500000 | 1980 | 3200 | 3700 | 1500 | 2.2 | 6.3 | 860 | 2260 |
| XC-ST125F | 125 | 625000 | 2320 | 3600 | 3700 | 1800 | 4 | 8.6 | 1080 | 2830 |
| XC-ST150F | 150 | 750000 | 2600 | 3800 | 3700 | 2100 | 5.5 | 8.8 | 1180 | 3550 |
| XC-ST175F | 175 | 875000 | 2800 | 3800 | 3700 | 2100 | 5.5 | 11.6 | 1300 | 3810 |
| XC-ST200F | 200 | 1000000 | 2970 | 4200 | 3700 | 2400 | 7.5 | 11.6 | 1600 | 4020 |
| XC-ST250F | 250 | 1250000 | 2970 | 5200 | 4200 | 2400 | 7.5 | 12.6 | 2380 | 5280 |
| XC-ST300F | 300 | 1500000 | 3250 | 5400 | 4200 | 2800 | 11 | 17 | 2580 | 6270 |
| XC-ST350F | 350 | 1750000 | 3500 | 5400 | 4200 | 2800 | 11 | 24.6 | 2850 | 5650 |
| XC-ST400F | 400 | 2000000 | 3750 | 6000 | 4200 | 3200 | 15 | 24.6 | 3250 | 6880 |
| XC-ST450F | 450 | 2250000 | 4000 | 6000 | 4200 | 3200 | 15 | 24.6 | 3660 | 7150 |
| XC-ST500F | 500 | 2500000 | 4000 | 6000 | 4970 | 3200 | 18.5 | 31.4 | 4260 | 8500 |
| XC-ST600F | 600 | 3000000 | 4500 | 6800 | 4970 | 3700 | 18.5 | 37.7 | 4680 | 9360 |
| XC-ST700F | 700 | 3500000 | 4500 | 6800 | 5590 | 3700 | 22 | 44.7 | 4880 | 10250 |
| XC-ST800F | 800 | 4000000 | 5500 | 7300 | 5590 | 4200 | 22 | 44.7 | 5100 | 12300 |
| XC-ST900F | 900 | 4500000 | 5500 | 7800 | 5590 | 4200 | 30 | 57.6 | 6800 | 14560 |
| XC-ST1000F | 1000 | 5000000 | 6000 | 8300 | 5590 | 4700 | 30 | 57.6 | 7660 | 16300 |

备注：设计工况参数：进出水温差▲Ts=5℃(37℃→32℃) 室外干/湿球温度WTB=31.5℃/28℃ 大气压力：P=99.4kPa。
Remarks: Design working conditions parameters: Inlet and outlet water temperature difference ▲Ts=5℃ (37℃→32℃) Outdoor dry/wet bulb temperature WTB=31.5℃/28℃
Atmospheric pressure: P=99.4kPa.

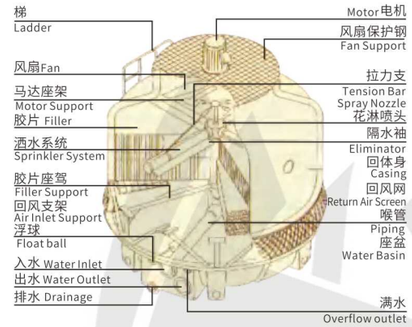
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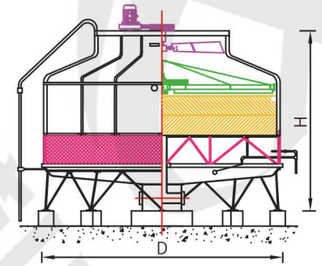




# 圆形冷却塔
## ROUND TYPE COOLING TOWER




10-1000T冷却塔　Model :10 -1000Ton Cooling Tower

## 技术参数 SPECIFICATIONS

| 型号 Model | ST | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 80 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 300 | 350 | 400 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 流量/Flow | $m^3/h$ | 7.2 | 11.7 | 14.4 | 18.5 | 23.4 | 31.2 | 39.2 | 46.8 | 62.6 | 78.1 | 97.5 | 117 | 136.8 | 156.2 | 175.5 | 195.1 | 234 | 273.2 | 312.1 |
| 风量/Air Volume | $m^3/h$ | 4300 | 6430 | 8250 | 10730 | 12870 | 17160 | 21580 | 25740 | 34450 | 53660 | 53660 | 64350 | 75350 | 85930 | 96525 | 107320 | 128700 | 128700 | 171660 |
| 马达/Motor | KW | 0.18 | 0.18 | 0.37 | 0.55 | 0.55 | 0.75 | 1.5 | 1.5 | 1.5 | 2.2 | 2.2 | 2.2 | 4 | 4 | 5.5 | 5.5 | 7.5 | 7.5 | 11 |
| 音量/Sound Volume | dBA | 47 | 48 | 50 | 52 | 54 | 56.5 | 57.5 | 57 | 59 | 60 | 60 | 59 | 60 | 60 | 54 | 67 | 56 | 56 | 5.9 |
| 净重Approx. Net Weight | KG | 50 | 54 | 67 | 98 | 116 | 116 | 190 | 250 | 280 | 540 | 540 | 580 | 760 | 880 | 1050 | 1080 | 1760 | 1760 | 2840 |
| 运行重量/Operating Weight | KG | 195 | 290 | 300 | 500 | 530 | 545 | 975 | 1250 | 1280 | 1640 | 1640 | 1780 | 1860 | 1980 | 2770 | 2800 | 3930 | 3930 | 5740 |
| 水塔直径/Basin Diameter | mm | 1060 | 1060 | 1200 | 1430 | 1620 | 1610 | 1810 | 2100 | 2100 | 2700 | 2700 | 3000 | 3300 | 3300 | 4120 | 4100 | 4700 | 4630 | 5600 |
| 水塔高度/Tower Height | mm | 1660 | 1760 | 1760 | 1950 | 2050 | 2075 | 2180 | 2200 | 2285 | 2370 | 2370 | 2670 | 2780 | 2780 | 3850 | 3850 | 3680 | 3680 | 3840 |

## 特点：

◎采用高质量轴承，噪音低。
◎采用高品质,耐磨轴封，不漏水。
◎可配合安装于管路之任何位置。
◎不受空间限制。
◎不须加油,防水，耗电量小。
◎如客户需要，可以订做高温水泵供客户使用。

## FEATURE:

◎Using high quality bearing, with low noise.
◎Using high quality, wear-resistant seal, without water leakage.
◎Installing in any position of the pipeline.
◎Not limited by space.
◎Without refueling,water-proof, low power consumption.
◎If necessary, high temperature pump can be customized for customer.

## 技术参数 SPECIFICATIONS

| 出水口径 Diameter | 扬程 Distance | 流量 Water Flow | | 转速 Rotating Speed | 效率 Efficiency | 配用电机 Motor | | 汽蚀余量 NPSH | 适用冷气系统 Air Cooling System Adopted | 重量 Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| mm | m | L/min | $m^3/H$ | R/min | % | KW | V | m | T | KG |
| 40 | 15 | 100 | 6 | 2900 | 46 | 0.75 | 220/380 50Hz | 3.2 | 15~20 | 27 |
| 50 | 17 | 300 | 18 | 2900 | 55 | 1.5 | 220/380 50Hz | 3.5 | 25~30 | 36 |
| 65 | 19 | 415 | 25 | 2900 | 65 | 2.2 | 220/380 50Hz | 3.5 | 40~50 | 43 |
| 80 | 21 | 700 | 42 | 2900 | 68 | 4 | 220/380 50Hz | 3.5 | 60~80 | 65 |
| 100 | 21 | 1000 | 60 | 2900 | 65 | 5.5 | 220/380 50Hz | 4.0 | 80~100 | 78 |
| 100 | 19 | 1500 | 90 | 2900 | 68 | 7.5 | 220/380 50Hz | 4.0 | 100~120 | 88 |



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# 其他辅助机械,配件系列

AUXILIARY MACHINERY & ACCESSORIES SERIES

## 两料比例混合器特点：

本混合器可配合吸料机或中央供料系统使用，可将新料和次料按所需比例送入后道工序，其主体由不锈钢材料制作，经久耐用，精心设计、制作精良、无死角、免清料，确保原料顺 畅输送，避免原料在输送过程再次污染。
两料比例由微电脑控制，计量准确。

## PROPORTIONAL VALVE FEATURES:

This valve can be used with auto loader or central feeding system. It can send new material and recycled material into the subsequent process in the required proportion. The main body is made of stainless steel, durable, well-designed, well-made, no dead ends, no need to clean, to ensure the smooth transportation of raw materials, and avoid the raw materials being polluted again during the transportation process. The ratio of the two materials is controlled by a microcomputer, and ensure the measurement accuracy.



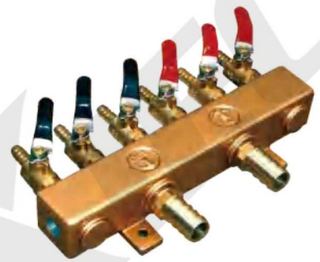
两料比例混合器
Proportional Valve

## 技术参数 TECHNICA PARAMETERS

| 型号 Model | 输送能力 Conveying capacity(kg/h) | 接口尺寸 Tube Dimensions(mm) | 空气压力 Air pressure(kgf/cm²) | 外形尺寸 Dimensions(mm) |
|---|---|---|---|---|
| XC-BHK38 | 500 | Φ38 | ≥3 | 375x110x140 |
| XC-BHK51 | 800 | Φ51 | ≥3 | |

## 分流控制器特点：

◎分流控制器可分为简易型水流分流器和精密型水流分流器，广泛用于注塑机的模具冷却及挤出机的冷却水槽连接系统，高效简便的安装，可信赖的均压分流，保证冷却系统各流道高效冷却，从而达到提高工作主机的产出率和成品合格率之目的。
◎简易型水流分流器均采用精密铸造成型，外形美观流畅，选择优质铜球阀，经久耐用；
◎精密型水流分流器全塑设计，解决基座易氧化的问题，使用寿命更长；
◎材料选用高品质、耐高温、高压塑料；
◎清晰的测试出每条回路的水温，误差可达到±1℃；



简易型水流分流器
Simple type manifold

## WATER MANIFOLD FEATURES:

◎Divided as simple type and precise type, water manifolds are widely used in the connections of injection mold and extrusion sink cooling, easy to install and reliably to equalize pressures of different water flows, ensuring high efficient cooling to all runners, hence increase both output and pass rate of productions.
◎Simple type water manifold is made by precise casting, with elegant exterior and quality copper ball valve to ensure high durability.
◎Precise type water manifold is fully plastic designed with long durability and free from oxidation issue at the base part.
◎Made by qualified plastic with high resistance to temperature and pressure;
◎Indicating temperature of each flow loop, accuracy within ±1°C;



精密型水流分流器
Precise type manifold

## 技术参数 TECHNICAL PARAMETERS

| 型号 Model | 分流数 Flows | 长度L (mm) | | 高*宽H*W (mm) | | 定位孔距离location hole distance (mm) | |
|---|---|---|---|---|---|---|---|
| | | 精密型Precise type | 简易型 Simple type | 精密型Precise type | 简易型 Simple type | 精密型Precise type | 简易型 Simple type |
| XC-0303 | 3进3出(3IN-3OUT) | 195 | 135 | 324*50 | 45*98 | 100 | 95 |
| XC-0404 | 4进4出(4IN-4OUT) | 250 | 173 | 324*50 | 45*98 | 100 | 125 |
| XC-0505 | 5进5出(5IN-5OUT) | 305 | 217 | 324*50 | 45*98 | 100 | 170 |
| XC-0606 | 6进6出(6IN-6OUT) | 360 | 255 | 324*50 | 45*98 | 100 | 215 |
| XC-0808 | 8进8出(8IN-8OUT) | 470 | 340 | 324*50 | 45*98 | 100 | 290 |
| XC-1010 | 10进10出(10IN-10OUT) | 580 | 420 | 324*50 | 45*98 | 100 | 365 |

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