



# 无锡佳龙换热器股份有限公司

## WUXI JIALONG HEAT EXCHANGER

无止境地追求世界第一的品质

Pursuing the first class quality of the world endlessly



佳龙换热器

WUXI JIALONG

[www.wxjcooler.com](http://www.wxjcooler.com)



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## 无锡佳龙换热器股份有限公司

WUXI JIALONG HEAT EXCHANGER STOCK COMPANY LTD;

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## COMPANY INTRODUCTION

### 公司介绍

无锡佳龙换热器股份有限公司，成立于2003年6月，地处历史悠久、风景秀丽的江苏省无锡市，坐落于中国马山太湖国家旅游度假区内，是中国大陆领先铝制板翅式换热器和管翅式换热器专业设计和生产的企业。2014年7月24日，公司在“新三板”正式挂牌上市。公司占地面积22000m<sup>2</sup>，集团职工人数800余人，其中专业技术人员占职工总数的40%，换热器年生产能力达5000吨以上（约35万台）。现国内生产基地有湖南佳龙分公司与宜兴佳仁分公司。佳龙在此感谢各位合作伙伴，感谢多年以来的信任与支持，我们会斗志昂扬地在换热器行业奋进不止。



Wuxi Jialong Heat Exchanger Co., Ltd., was established in June 2003, is located in Wuxi City, Jiangsu Province, which has a long history and beautiful scenery. It is located in the Mashan Taihu National Tourism Resort in China. Mainland Chinese leading professional designer and manufacturer of aluminum plate-fin heat exchangers and tube-fin heat exchangers. On July 24, 2014, Jialong was officially listed on the "New OTC Market". Company area 22,000 square meters, the group has more than 800 employees, and the engineers account for 40% of the total number of employees. The annual production capacity of heat exchangers reaches more than 5,000 tons (about 350,000 units). At present, domestic production bases include Hunan Jialong Branch and Yixing JRN Branch. Jialong would like to thank all our partners for their trust and support over the years. We will continue to forge ahead in the heat exchanger industry with high spirits.





# 22000m<sup>2</sup>

建筑面积 construction area

# 350000台

散热器 heat exchanger

# 5000吨

每年生产 annual output

# 40%

技术人员

公司先后引进了全球先进的真空钎焊炉和连续炉，以及成套的设计、生产、检验和性能测试设备。公司拥有一支经验丰富、技术过硬的高素质专业研发队伍，保证了企业研究的产品在业内的先进性。换热器单元的最大钎焊尺寸为9200×1500×1800mm。产品的最大设计压力为12Mpa。目前，公司经营的主要产品分为板翅式换热器和管翅式换热器两大类。其中板翅式换热器主要包括空分换热器、气冷却器、水冷却器、油冷却器、油气冷却器、油气水综合换热器等。管翅式换热器主要包括冷凝器、层叠式油冷却器、汽车中冷器和水箱等。产品广泛运用于空气分离设备、空气压缩机、发电机、液压设备、工程机械、农用机械、轨道交通、风力发电、汽车、航空航天等领域。

The company has successively introduced the world's most advanced vacuum brazing furnaces and continuous furnaces, as well as complete sets of design, production, inspection and performance testing equipment. The company has a high-quality professional R&D team with rich experience and excellent technology, which ensures that the products developed by the company are advanced in the industry. The maximum brazing size of the heat exchanger unit is 9200×1500×1800mm. The maximum design pressure of the product is 12Mpa. At present, the company's main products are divided into two categories: plate-fin heat exchangers and tube-fin heat exchangers. Among them, plate-fin heat exchangers mainly include air separation heat exchangers, gas coolers, water coolers, oil coolers, oil-gas coolers, oil-gas-water comprehensive heat exchangers, etc. Tube-fin heat exchangers mainly include condensers, laminated oil coolers, automotive intercoolers and water tanks, etc. Products are widely used in air separation equipment, air compressors, generators, hydraulic equipment, engineering machinery, agricultural machinery, rail transit, wind power, automobiles, aerospace and other fields.

理念

先义后利，以义为重，诚信为本

Prioritize righteousness over profit and be based on honesty

务实

无止境地追求世界第一的品质

Pursing the first class quality of the world endlessly

方针

勤奋、节俭、信用、创新、全局、有备、稳健、爱心

Diligence, Thrift, Credit, Innovation, Overview, Preparedness, Stability, Love



宜兴佳仁低温科技有限公司  
Yixing JRN Cryogenic Technology Company

总投资2.8亿元  
The total investment is 280 million yuan

建筑面积39500m<sup>2</sup>  
The area of structure is 39500m<sup>2</sup>



湖南佳龙换热器有限公司  
Hunan Jialong Heat Exchanger Company LTD;

面积约8411平方米  
The area of structure is about 8411m<sup>2</sup>

总投资5000万  
The total investment is 50 million yuan

## 公司架构分布图

Company organization structure



## COOPERATIVE CUSTOMER

### 合作客户



## 市场分布

### MARKET DISTRIBUTION



## 国内市场

### Domestic market

北京、天津、沈阳、大连、兰州、青岛、上海、无锡、苏州、开封、长沙、广州、重庆、贵阳、柳州等全国一二线城市。

Beijing, Tianjin, Shenyang, Dalian, Lanzhou, Qingdao, Shanghai, Wuxi, Suzhou, Kaifeng, Changsha, Guangzhou, Chongqing, Guiyang, Liuzhou and other large & medium-sized cities in China.

## 国外市场

### Foreign market

意大利、德国、法国、英国、俄罗斯、乌克兰、美国、加拿大、巴西、阿根廷、西班牙、土耳其、阿联酋、伊拉克、以色列、澳大利亚、黎巴嫩、印度、泰国、韩国、日本等国家和地区

Italy, Germany, France, United Kingdom, Russia, Ukraine, United States, Canada, Brazil, Argentina, Spain, Turkey, United Arab Emirates, Iran, Iraq, Israel, Australia, Lebanon, India, Indonesia, Thailand, South Korea, Japan and other countries.

## ENTERPRISE DEVELOPMENT HISTORY

### 企业发展历程

佳龙公司成立  
Jialong was established

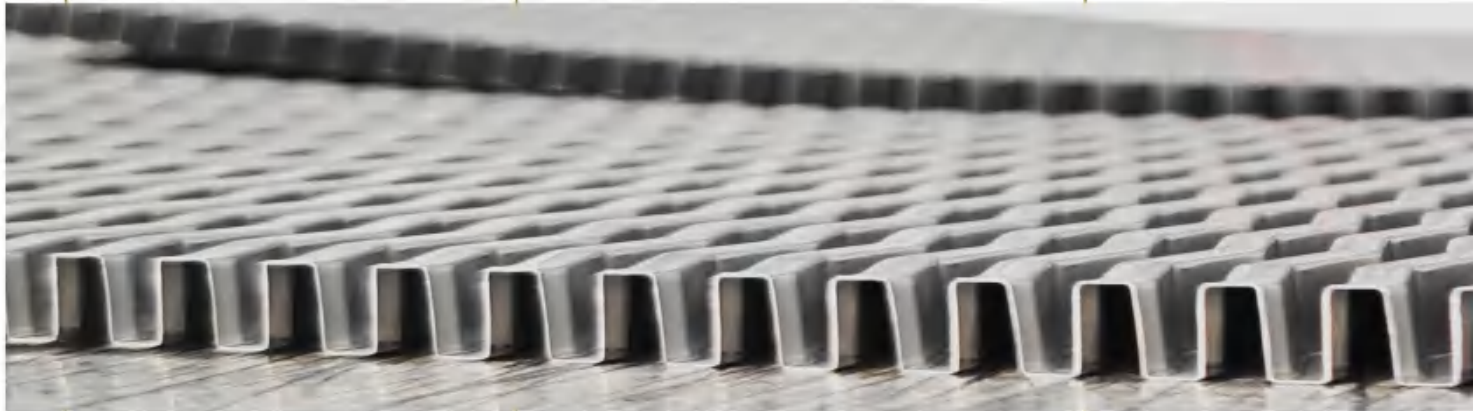
2003

无锡市质量工作领导小组授予  
佳龙公司“无锡市名牌产品”称号  
Wuxi Quality Work Leading Group  
awarded Jialong “Wuxi Famous  
Brand Products” title

2007

佳龙研发大楼竣工  
管翅式换热器投产  
Jialong R&D building was  
completed and the Tube-fin  
heat exchanger was put into  
production

2012



2005

争创守信用、讲信誉、  
重信义企业先进单位  
Strive to become a new  
enterprise unit that keeps  
promises, emphasizes  
credibility and values integrity

2008

被评为“无锡市高新技术企业”  
无锡市人民政府授予佳龙公司  
“无锡市AAA级重合同，守信用企业”称号  
Jialong was rated as "Wuxi High-tech  
Enterprise" and Wuxi government  
awarded Jialong the title of  
' Wuxi AAA Contract-abiding  
and Trustworthy Enterprise '

2014

公司在“新三板”  
正式挂牌上市  
The company was  
on the "New OTC  
Market" Officially  
listed on the market

被评为“知识产权优势企业”  
Rated as "Intellectual Property  
Advantage Enterprise"

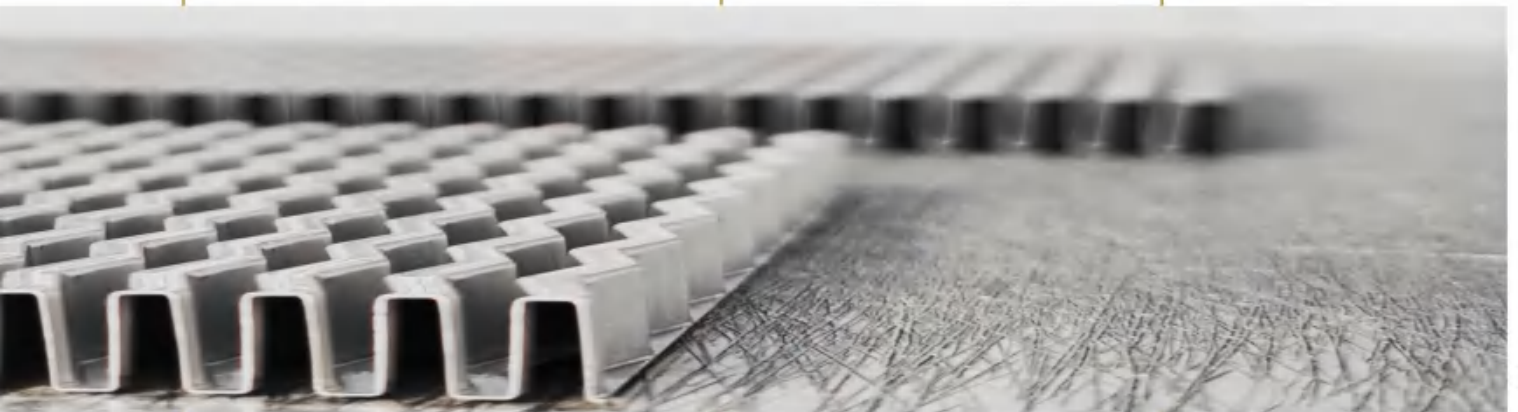
被评为“二级安全标准企业”  
Rated as "Second Level Safety  
Standard Enterprise"

被评为“无锡市高新技术企业”  
Rated as "Wuxi High-tech  
Enterprise"

2015

2017

2020



2016

2018

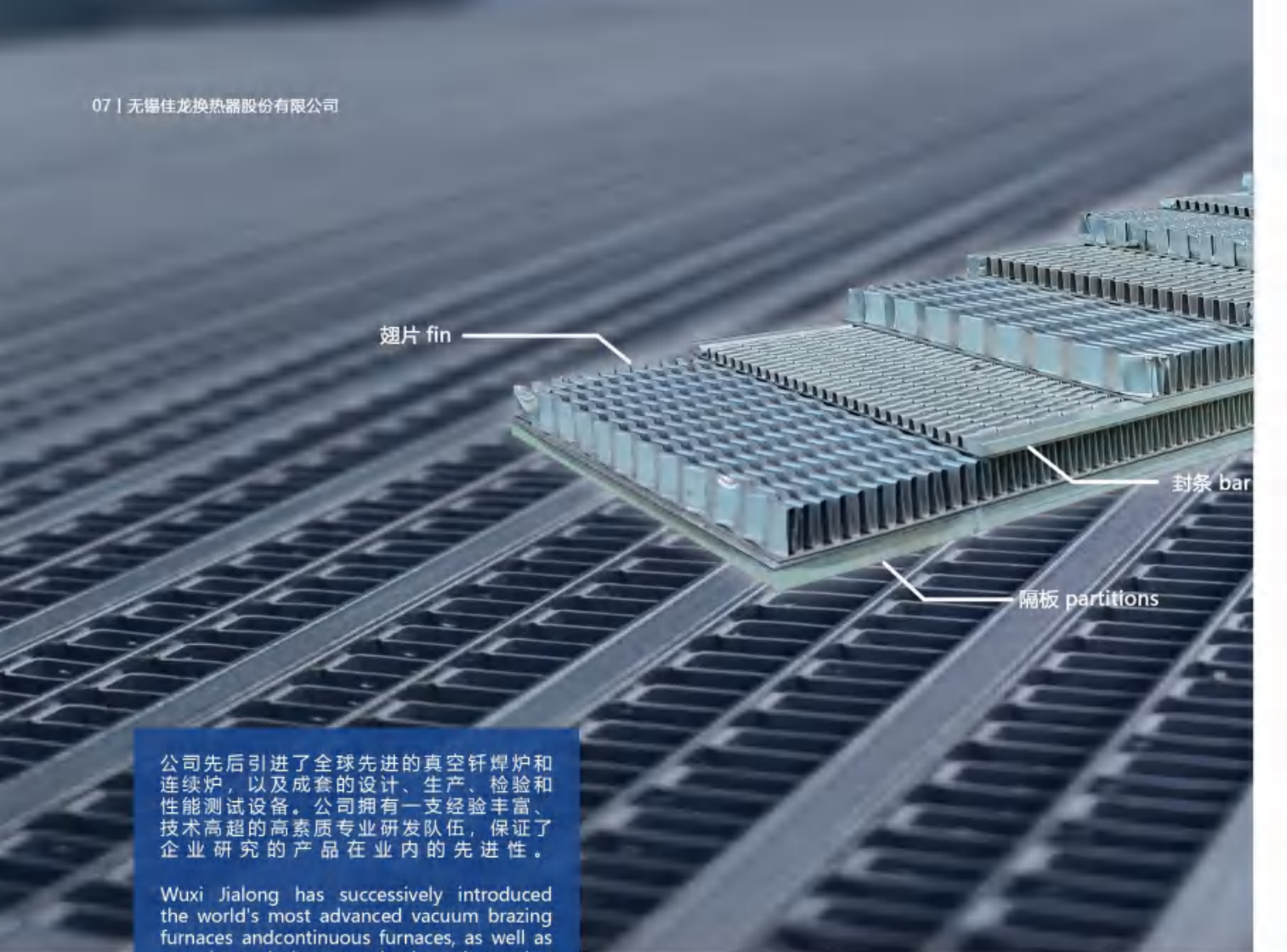
2022

成功研发国内首例12MPa  
高压空分换热器  
Successfully developed the  
first 12MPa high-pressure air  
separation heat exchanger in China

宜兴佳仁低温科技有限公司  
正式投产  
Yixing JRN Cryogenic  
Technology Co., Ltd. was  
Officially put into operation

被评为“无锡市企业技术中心”  
被评为江苏省专精特新中小企业 “  
Jialong was named  
"Wuxi Enterprise Technology  
Center" and rated as  
"Specialized, Special and New  
Small and Medium Enterprise  
in Jiangsu Province"

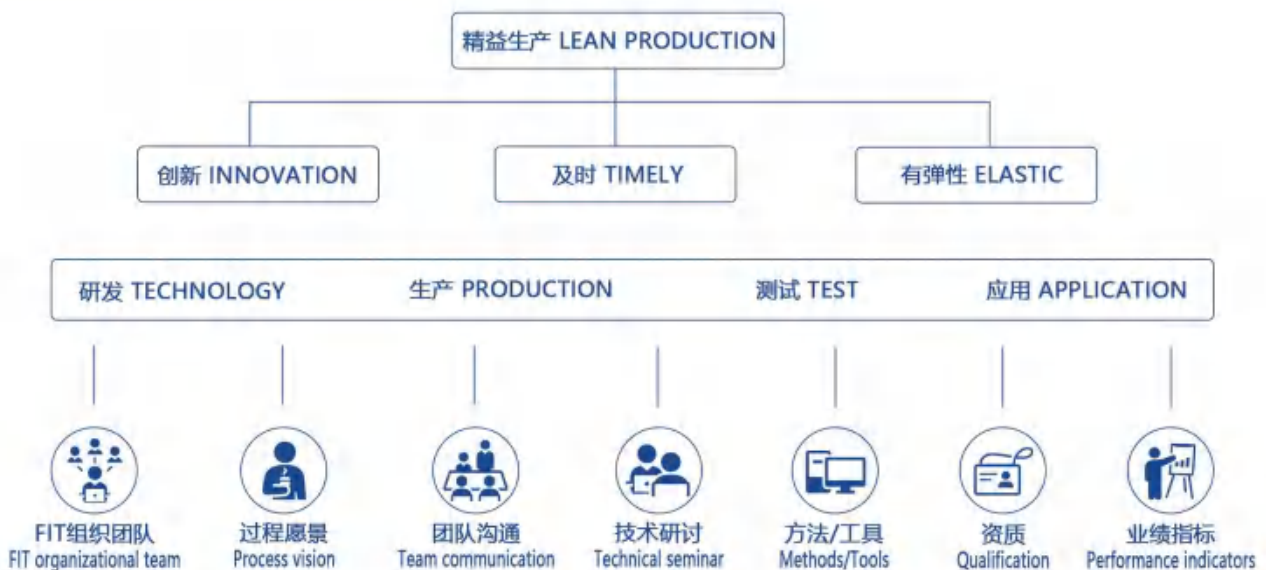




公司先后引进了全球先进的真空钎焊炉和连续炉，以及成套的设计、生产、检验和性能测试设备。公司拥有一支经验丰富、技术高超的高素质专业研发队伍，保证了企业研究的产品在业内的先进性。

Wuxi Jialong has successively introduced the world's most advanced vacuum brazing furnaces and continuous furnaces, as well as complete design, production, inspection and Performance testing equipment. The company has an experienced and a highly skilled and high-quality professional R&D team ensures. The advanced nature of the products researched by the enterprise in the industry.

## TECHNOLOGY RESEARCH AND DEVELOPMENT 技术研发



## FACTORY APPERANCE

### 厂区风采



真空钎焊炉  
Vacuum brazing furnace



喷涂设备  
Spraying equipment



芯体装配机  
Core assembly machine



清洗设备  
Cleaning equipment



焊接机器人  
Welding Robot



冲翅机  
Fin forming machine



连续钎焊炉  
Continuous brazing furnace



恒吉盛车间  
Heng Jisheng workshop



车间  
Workshop

## HONORS, QUALIFICATIONS AND CERTIFICATES

### 荣誉资质及证书

质量第一、用户至上、全方位实施品牌战略。公司先后通过ISO/TS16949:2009质量体系认证和ISO14001:2004环境管理体系认证、ASME、PED、CRN等国际权威体系认证，相继获得中华人民共和国特种设备制造许可证、高新技术企业等相关荣誉证书。产品远销德国、意大利、英国、法国、俄罗斯、美国、加拿大、巴西、澳大利亚、土耳其、印度、泰国、马来西亚、日本、韩国等多个国家和地区。



Quality first, customer supreme, and implement brand strategy in all aspects. The company has successively passed ISO/TS16949:2009 quality system certification and ISO14001:2004 environmental management system certification、ASME、PED、CRN and other international authoritative system certifications, and has successively obtained the People's Republic of China special equipment manufacturing license, high-tech enterprise and other related honorary certificates. Products are exported to Germany, Italy, the United Kingdom, France, Russia, the United States, Canada, Brazil, Australia, Turkey, India, Thailand, Malaysia, Japan, South Korea and other countries and regions

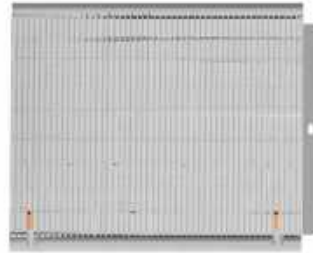


## PRODUCT DISPLAY

### 产品展示



冷干机 air dryer heat exchanger



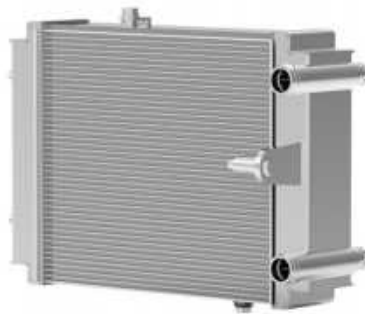
冷凝器 condenser



水冷却器 water cooler



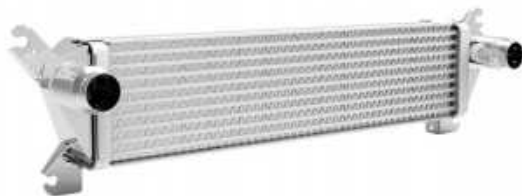
水冷板 water cooling plate



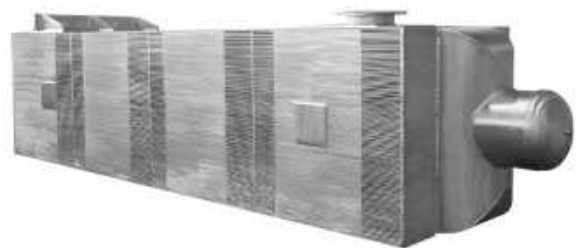
水箱 radiator



油冷却器 oil cooler



中冷器 inter-cooler



空分 air separation heat exchanger

## AIR COMPRESSOR HEAT EXCHANGER 空气压缩机换热器

佳龙可以设计和生产油气冷却器，用于螺杆式压缩机的组合冷却器。系列产品为5HP至400HP，最高设计压力可达50bar。

Jialong can design and produce oil-gas coolers, and combined coolers for screw compressors. The series of products range from 5HP to 400HP, and the maximum design pressure can reach 50bar.



后冷却器/After cooler

油冷/Oil cooler

冷干机/Air dryer heat exchanger



水箱/Radiator

中冷器/Inter-cooler

## HEAT EXCHANGER FOR AIR DRYER MACHINE

### 冷干机换热器

佳龙可以根据客户要求制造冷干机冷却器，系列产品流量为 $0.5\text{m}^3/\text{min}$ 至 $200\text{m}^3/\text{min}$ ，最高设计压力可达60bar。

Jialong can manufacture air dryer coolers according to customer requirements. The flow rate of series products is  $0.5\text{m}^3/\text{min}$  to  $200\text{m}^3/\text{min}$ , and the maximum design pressure can reach 60bar.



高效节能的“三合一”铝板换热器是“最优方案”

"Three-in-one" aluminum plate heat exchanger with high efficiency and energy saving is the "optimal solution"

#### 标准设计工况

工作压力: 0.7MPa    进气温度:  $40^{\circ}\text{C}$   
 设计压力            压力露点:  $3\sim 10^{\circ}\text{C}$   
 空气侧: 1.6MPa (EHE-1N ~ 13.5N)  
           1.3MPa (EHE-17N ~ 50N)  
 制冷剂侧: 3.0Mpa

标准化

Standardization

模块化

Modularization

通用化

Generalize

## CONSTRUCTION MACHINERY HEAT EXCHANGER 工程机械换热器

佳龙可以设计和生产挖掘机，装载机，泵车，混凝土搅拌车，起重机，钻机，压路机，摊铺机，推土机等  
的冷却系统。

Jialong can design and produce cooling systems  
for excavators, loaders, pump trucks, concrete  
mixer trucks, cranes, drilling rigs, road rollers,  
pavers, bulldozers, etc.



液压油冷/Hydraulic oil cooler

燃油冷却器/Fuel cooler

变速箱机油冷却器/Transmission oil cooler

水箱/Radiator

中冷器/Inter-cooler

## AGRICULTURAL AND FORESTRY MACHINERY

### 农林机械换热器

佳龙为各种农业机械提供多样化的解决方案，从单人操作的水稻插秧机，到大型的联合收割机、采棉机、甘蔗机、拖拉机等农林机械设备，佳龙有着丰富的OEM配套经验。不管是适应性还是技术都有较强的综合优势，根据客户的需求研发生产，提供可靠的冷却方案。

Jialong provides diversified solutions for various agricultural machinery, from single-person rice transplanters to large combine harvesters, cotton pickers, sugar cane machines, tractors and other agricultural and forestry machinery and equipment. Jialong has a wealth of OEM supporting equipment. experience. It has strong comprehensive advantages in terms of adaptability and technology. It develops and produces according to customer needs and provides reliable cooling solutions.



水箱/Radiator



液压油冷/Hydraulic oil cooler



冷凝器/Condenser

变速箱机油冷却器/Transmission oil cooler

中冷/Inter-cooler

燃油冷却器/Fuel cooler



## AIR SEPARATION EQUIPMENT HEAT EXCHANGER 空气分离设备换热器

产品广泛应用：空气分离及氧氮液化工程、天然气加工处理及液化工程、油气加工乙烯工程、液氮洗工程、一氧化碳加工工程。使用温度范围：-196℃~200℃，最大设计压力：12Mpa。

Products are widely used in: air separation and oxygen and nitrogen liquefaction projects, natural gas processing and liquefaction projects, oil and gas processing ethylene projects, liquid nitrogen washing projects, and carbon monoxide processing projects. Operating temperature range: -196℃~200℃, maximum design pressure: 12Mpa.



主换热器/Main heat exchanger

氩换热器/Argon heat exchanger

液空液氮过冷器/Liquid air/liquid nitrogen subcooler

高压换热器/High pressure heat exchanger

## HYDRAULIC TRANSMISSION HEAT EXCHANGER

### 液压传动系统换热器

产品应用于液压传动系统，使用行业包括：冶金、轻纺、化工、能源等，提供更小、更轻的有效解决方案。

The products are used in hydraulic transmission systems and are used in industries including: metallurgy, textiles, chemicals, energy, etc., providing smaller, lighter and effective solutions.



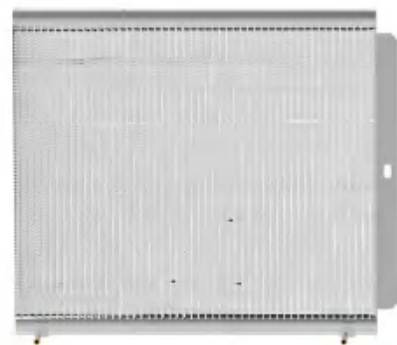
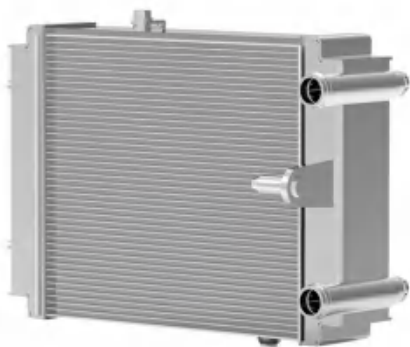
油冷/Oil cooler

液压油冷/Hydraulic oil cooler

## AUTOMOBILE HEAT EXCHANGER 汽车类换热器

佳龙提供广泛的通用管带水箱，中冷，层叠油冷，冷凝蒸发器产品，包括板翅式换热器和管翅式换热器。

Jialong provides a wide range of general-purpose tube with water tank, intercooling, laminated oil cooling, condensing evaporator products, including plate fin heat exchangers and tube fin heat exchangers.



油冷/Oil cooler

水箱/Radiator

中冷器/Inter-cooler

冷凝器/Condenser

## SPECIAL CAR COOLING SYSTEM

### 特种车散热系统

佳龙提供广泛的通用油冷却器，中冷，水箱，冷凝器产品，应用于压裂车，消防车，固井车，两栖车，油田特种车，航天特种运输车等。

Jialong provides a wide range of general oil coolers, intercoolers, water tanks, and condenser products, which are used in fracturing trucks, fire trucks, cementing trucks, amphibious vehicles, oil field special vehicles, aerospace special transport vehicles, etc.



·拥有成熟及专业的成套设计能力

Possess mature and professional complete design capabilities

·可根据客户不同需求定制散热器

Heat exchanger can be customized according to different needs of customers

油冷/Oil cooler

中冷/Inter-cooler

水箱/Radiator

## RAIL TRANSIT HEAT EXCHANGER 轨道交通换热器

佳龙产品运用在这些领域，包括：变流器、变压器、齿轮箱等，提供更小，更轻的有效解决方案。

Jialong products are used in these fields, including: converters, transformers, gearboxes, etc., providing smaller, lighter and effective solutions.



油冷/Oil cooler

水箱/Radiator

冷凝器/Condenser

中冷器/Inter-cooler

燃油冷却器/Fuel cooler

直流风扇冷却机组/DC fan cooling unit

## NEW ENERGY HEAT EXCHANGER

### 新能源换热器

佳龙产品运用在风力发电系统及新能源汽车的冷却系统上，包括：变流器，齿轮箱，中冷器，变频器冷却器，水冷板等，提供更小更轻的解决方案。

Jialong products are used in wind power generation systems and the cooling systems of new energy vehicles, including: converters, gearboxes, intercoolers, inverter coolers, water cooling plates, etc., providing smaller and lighter solutions.



3.0~14MW风电全功率变流器高原型水冷装置空气散热器

3.0~14MW wind power full power converter plateau water cooling device air radiator

该散热器使用在海拔高度 < 4000m的高原盐湖变

This heat exchanger is used in plateau salt lakes with an altitude of less than 4000m.



多用领域：IGBT，整流器，逆变器，CPU,GPU等的冷却

Multi-purpose fields: cooling of IGBTs, rectifiers, inverters, CPUs, GPUs, etc.

设计丰富：丰富的大型板片设计与制造经验。

Rich design: rich experience in large plate design and manufacturing.

技术领先：佳龙的水冷板在单位面积的换热量和温差指标上遥遥领先

Leading technology: Jialong's water-cooled plates are far ahead in terms of heat transfer per unit area and temperature difference indicators.



## SOCIAL FEEDBACK

### 社会回馈

#### 爱心成就梦想 奉献精彩事业

#### LOVE ACHIEVES DREAMS DEDICATION MAKES WONDERFUL CAREERS

#### 团结奋进 学习创造

佳龙的基层职工代表和工会负责人挥舞着手上的旗帜，一路向着目的地进发。我们满怀热忱，满心欢喜，踏上了这一条红色之旅。一路上大家浩浩荡荡，沿途的景色看在眼里，今天的美好幸福，都是过去奋斗出来的，这一点，大家都能深刻体会到。徒步在路上，人生也如同这一场徒步，我们每一步都在向前，每一瞬都在努力，扛着的旗帜宛如你的抱负和理想，带着这两样东西，让我们奔赴美好的未来

#### UNIT FORGE AHEAD LEARN AND CREATE

Jialong's grassroots employee representatives and trade union leaders waved their flags and marched all the way to their destination. We embarked on this red journey with enthusiasm and joy. The journey along the way was majestic, and the scenery along the way was in our eyes. Today's beauty and happiness are all the result of past struggles. This can be deeply understood by everyone. Hiking on the road, life is like this hike. We are moving forward every step and working hard every moment. The flag we carry is like your ambition and ideal. With these two things, let us rush to a better future.



