

202506



# Hien®

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# HIENT COMPANY PROFILE

# Hien®





**THIS IS A MOMENT TO MOVE TOWARDS  
A GREEN AND SUSTAINABLE FUTURE**

**WE ARE FACING A GREEN WAVE LEADING  
THE GLOBAL INDUSTRIAL REVOLUTION**

**HIEN IS COMMITTED TO BUILDING A GREEN  
ENVIRONMENTALLY FRIENDLY, SAFE AND EFFICIENT LIFE**

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Mr. Huang Daode is an influential entrepreneur and chairman of Zhejiang AMA&Hien technology Co.,LTD. and Zhejiang Hien New Energy Equipment Co., Ltd. Starting from scratch in 1989, he has led the transition from the electronic connector industry to becoming a prominent figure in the production of air source heat pumps. His dedication and unwavering commitment to sustainable energy have been recognized through numerous awards and accolades, firmly establishing him as a distinguished authority in the industry.



# COMPANY PROFILE



## ABOUT HIEN

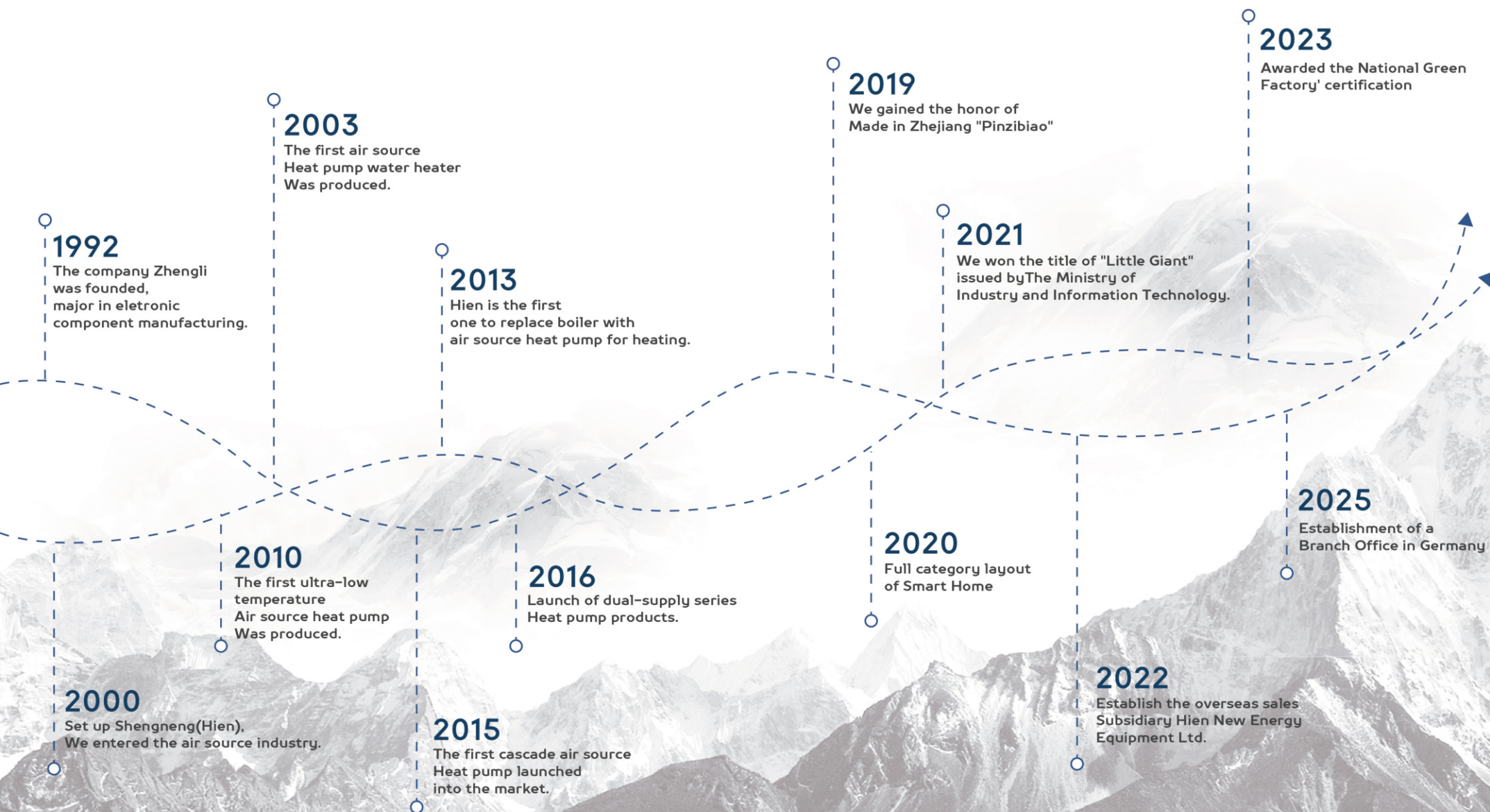
Founded in 1992, Hien firstly started as an electronic component manufacturer. With a registered capital of 300 million RMB, Hien entered the air source industry in 2000. It is a leading enterprise of air source heat pumps in the area of product R & D, production, sales, and after-sales service. Hien owns one of the largest production bases of heat pumps in China, as well as the CANS certified state-level comprehensive laboratory.

## PRODUCTION LINE

With a total of 60000 SQM construction area and more than 1000 processing equipment, the main factory has 6 assembly lines, and the branch factory has 3 production workshops. Main products are residential heat pumps, commercial heat pumps, industrial heat pumps, and finned heat exchanger etc. Units from 3KW to 320KW, for hot water, heating, cooling, as well as heat pump dryers for the production of tobacco, aroma wicks, tea, fruits and vegetables, medicinal herbs, and other categories.



# DEVELOPMENT HISTORY



# AMA & HIEN



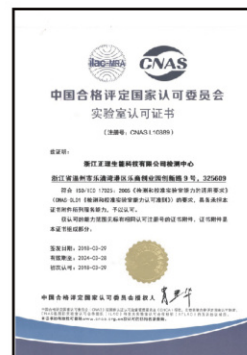
# R&D STRENGTH



The existing research and development site covers an area of 5000 square meters, with research equipment worth more than 20 million yuan, and 106 technical personnel. The expertise covers thermal power, electrical engineering, environmental engineering, energy management, and the safe operation management of thermal power plants.

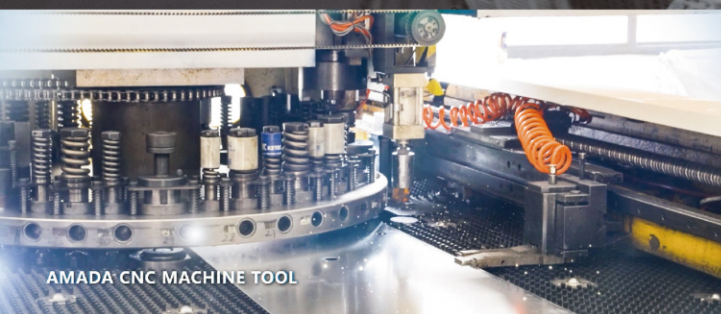
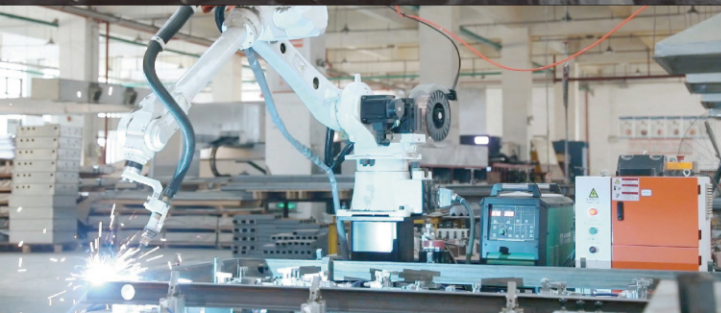


With more than 130 invention patents, 2 R&D centers, a national - level post-doctoral research workstation, Hien has been committed to research and development on the core technology of air source heat pump for more than 23 years. We understand the pain points our customers face. That's why we're proud to offer exceptional ODM services. Our dedicated team strives to provide tailored solutions that perfectly meet your unique needs. Let us take care of the technicalities while you focus on growing your business.





# PRODUCTION ABILITY



Hien is a leading brand in the Chinese heat pump industry, integrating product research and development, equipment production, sales, and service. Our products cover four major areas: cooling and heating, hot water, drying, and swimming pool heat pumps. We have the capacity to produce 1 million air source heat pumps annually, and we empower every stage of product manufacturing with advanced modern processing and manufacturing equipment.

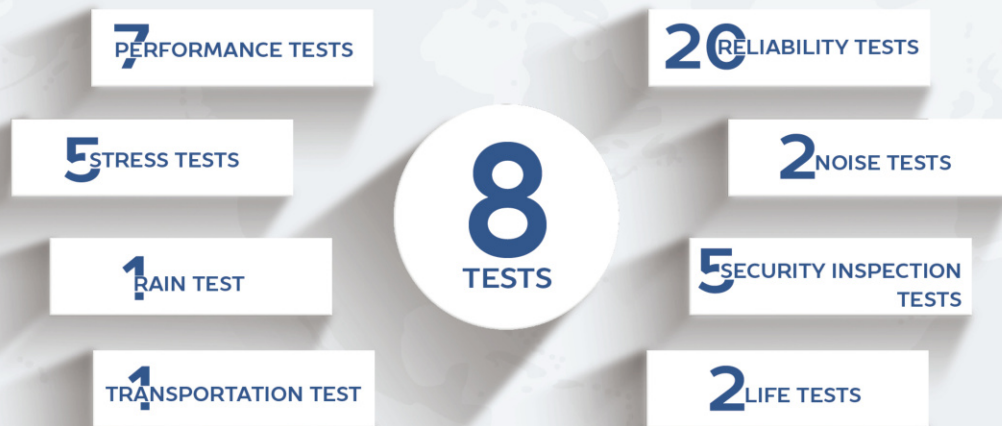
Currently, each workshop is equipped with 236 types of automated equipment, including over 20 key devices such as fully automatic G-type bending machines, vacuum helium testing equipment, high-speed punch presses, automatic non-shrinking tube expander machines, fully automatic pipe making machines, and CNC punch presses.

The production workshop has always aimed to achieve "lean production" and "green manufacturing", consistently adhering to independent innovation and actively improving traditional processes and developing automation projects. In order to better coordinate production, advanced production equipment has been installed in each workshop. With an annual output value of around 2 billion, it is one of the largest production bases in the professional heat pump field.



# QUALITY CONTROL

Each air source heat pump must pass 43 standard tests in 8 categories from the beginning of production to the finished product.



## ISO9000 Quality Definition

### Quality:

The degree to which a set of inherent characteristics meets requirements.

### Requirements:

Includes implicit and specified needs, which in many cases may change over time.

### Quality Policy:

"Adopt advanced technology, adhere to continuous innovation, enhance customer satisfaction, and fulfill quality commitments."

## WHY DO BUSINESSES NEED HIGH QUALITY?

### Direct Expression:

- Reduced failure rate
- Less rework and waste
- Reduced inspection and testing
- Reduced market maintenance rate
- Shortened time to market for new products
- Increased product price

### Indirect Cause:

- High customer satisfaction
- Reduced manufacturing costs
- Lower inspection expenses
- Reduced maintenance costs
- Increased market share
- Increased profits





# INSTALLATION EXHIBITIONS 2024-2025



## 2024 MCE MOSTRA CONVEGNO EXPOCOMFORT

MILAN, ITALY

BOOTH: HALL 3, M50

SIZE: 60 m<sup>2</sup>



## 2025 WARSAW HVAC EXPO

WARSAW, POLAND

BOOTH: HALL E, E2.16

SIZE: 69 m<sup>2</sup>

## 2025 ISH

FRANKFURT, GERMANY

BOOTH: HALL 12.0, E29

SIZE: 156 m<sup>2</sup>



## 2024 INSTALLER SHOW

BIRMINGHAM, UK

BOOTH: HALL 5, 5F81

SIZE: 44 m<sup>2</sup>



## 2025 HEAT PUMP TECHNOLOGIES

MILAN, ITALY

BOOTH: C22

SIZE: 32 m<sup>2</sup>



## 2025 ISH CHINA & CIHE

BEIJING, CHINA

BOOTH: E4-03

SIZE: 400 m<sup>2</sup>

## 2025 INSTALLER SHOW

BIRMINGHAM, UK

BOOTH: HALL 5, 5F54

SIZE: 65 m<sup>2</sup>







# INTERNATIONAL INSTALLATIONS



POLAND



ITALY



HUNGARY



TÜRKIYE



GERMANY



FRANCE



ARMENIA



SPAIN



# HIGHLIGHT

The 2008 Shanghai World Expo.



The 2013 Boao Summit for Asia in Hainan.



The 2011 Universiade in Shenzhen.



The artificial island hot water project of the Hong Kong-Zhuhai-Macao Bridge in 2019.



2016 the hot water reconstruction project of Qingdao port.



2016 the G20 Hangzhou Summit.



The 2022 Beijing Winter Olympic Games & Paralympic Games.



2023 the Asian Games in Hangzhou

# PROJECTS

MORE THAN 70000 PROJECTS COMPLETED SO FAR;  
MORE THAN 6.5 MILLION PRODUCTS DELIVERED.

## SCHOOLS



## HOSPITALS



## RESIDENTIAL

