

HAOLISEN GROUP

INTRODUCTION



浩力森

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Days and months, renowned over the world.

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Quality of originality, witness potentiality.

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Brand cooperation and cooperate to succeed.

05


SOCIAL RESPONSIBILITY

Care for employees, give back to society.



01

CORPORATION OVERVIEW



Haolisen Group is committed to inspiring the limit of materials, taking national revitalization as its own responsibility, constantly promoting the exploration and innovation of cutting-edge technologies, and providing customers with all-round surface treatment solutions with excellent performance, diverse functions, green environmental protection, energy saving and cost reduction. Technology foresight, scientific and technological innovation, independent research and development, service market is the leading advantage of Haolisen, as one of the first to enter the application field of cutting-edge environmental protection surface materials, Haolisen through continuous precipitation technology, accumulate experience, expand the market, has established a long-term sustainable development of strategic cooperation with benchmarking enterprises in various industries.



GROUP OVERVIEW

Haolisen is a whole industrial chain company integrating research and development, production and sales. The group headquarter owns four international scientific research companies, two intelligent advanced production plants, three international marketing companies and seven joint ventures.

Haolisen group has successively registered trademarks in the EU and Japan, and established overseas business department; Establish long-term project cooperation with many internationally renowned universities, to accelerate the transformation and application of scientific research results, and jointly promote the green development of surface treatment industry. Products related to industrial surface treatment materials in many industries.

www.haolisengroup.com

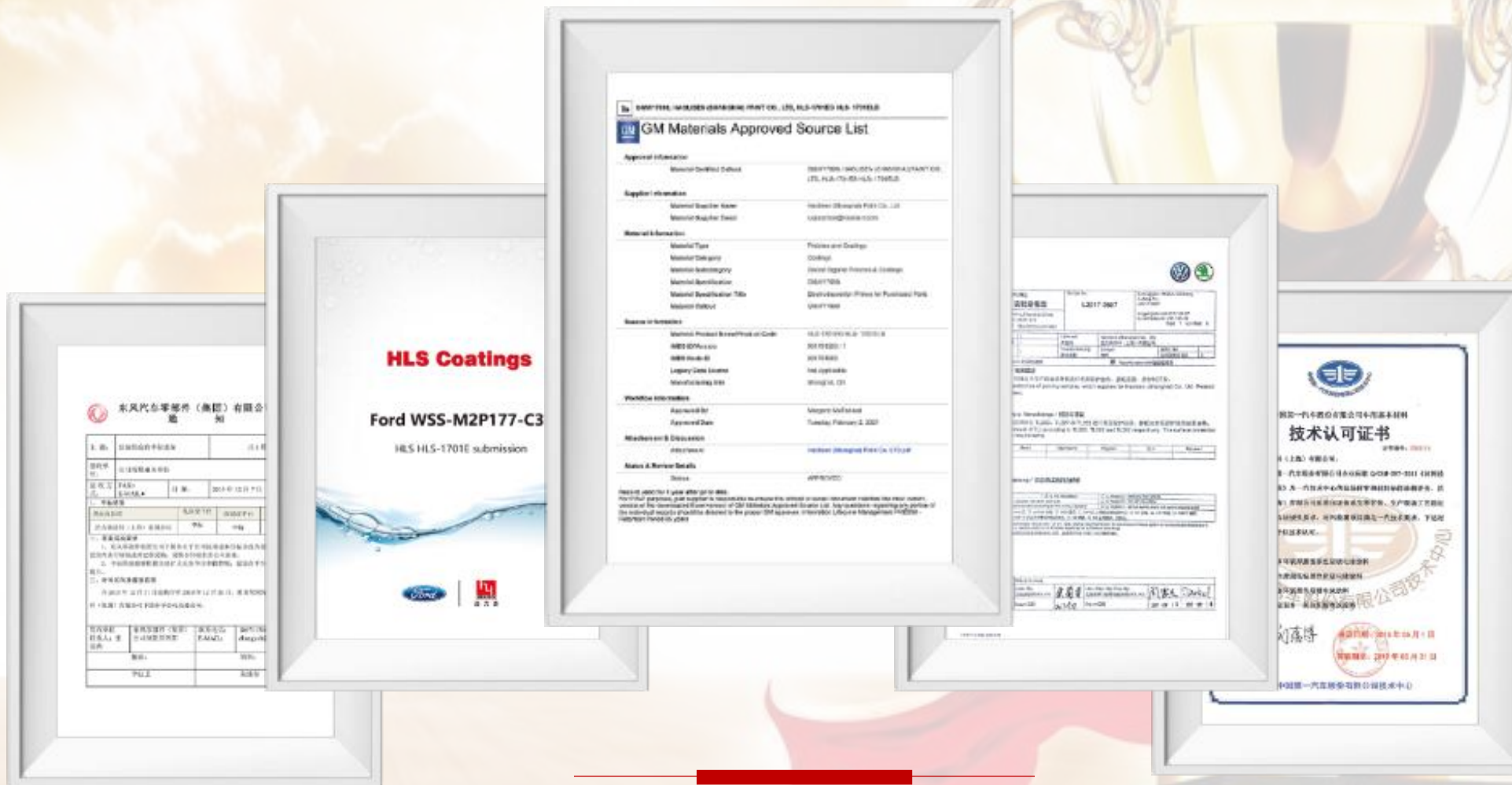
QUALIFICATION RECOGNITION

HONOR QUALIFICATION



All products of the Group comply with and comply with ISO9001/IATF16949 quality management system, ISO14001 environmental management system and ISO45001 occupational health and safety management system, providing customers with world-class quality management system guarantee.

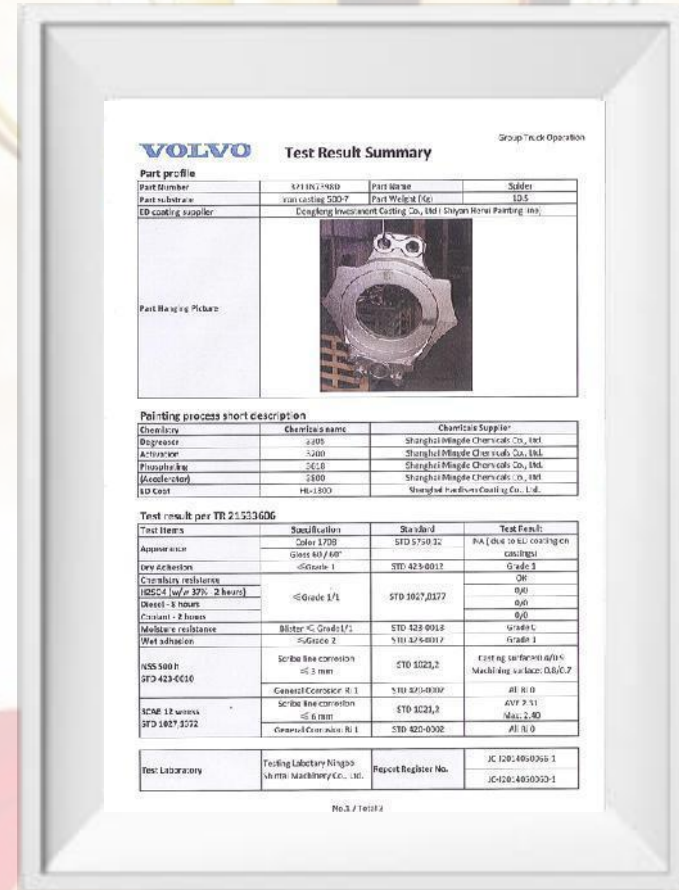
QUALIFICATION RECOGNITION



QUALIFICATION HONOR

APPLICATION LICENCES

CORPORATION OVERVIEW



QUALIFICATION HONOR

APPLICATION LICENCES

CORPORATION OVERVIEW

APPLICATION LICENCES

HONOR QUALIFICATION



HONORARY AWARDS

For 20 years, We have won many honors such as national high-tech enterprise, national specialized and special "little giant" enterprise, unicorn listed cultivation enterprise, provincial and municipal enterprise technology center, Nantong Advanced Enterprise of major scientific and technological achievements transformation Project, Shanghai Famous brand, Jiangsu quality, academican expert workstation, intelligent demonstration workshop, patent work demonstration enterprise, famous trademark, science and technology enterprise, etc. Each award is a recognition of Haolisen's efforts and strength.



HONOR QUALIFICATION

HONORARY AWARDS



Honorary Awards



HONOR
QUALIFICATION

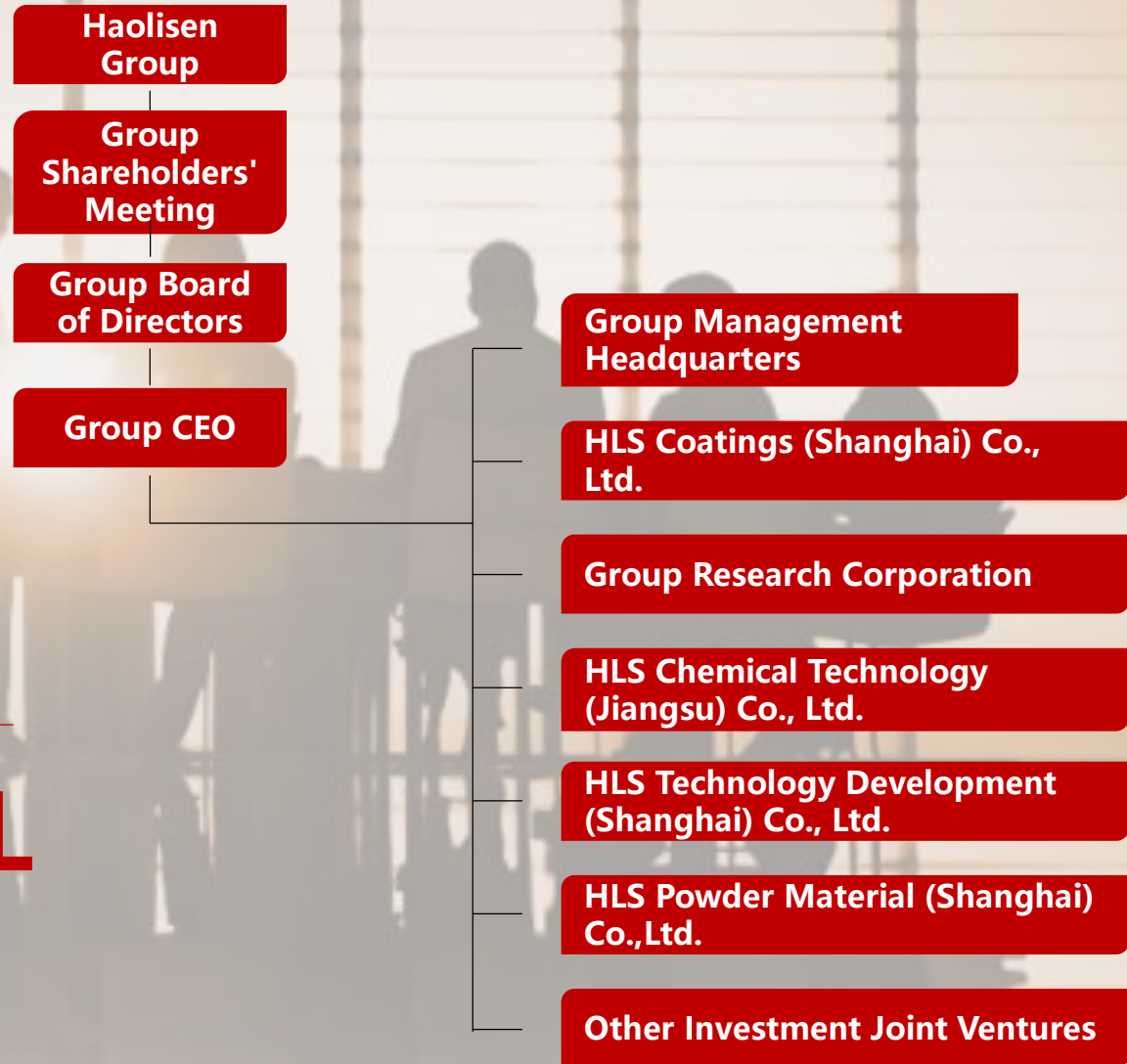
HONORARY AWARDS



HONOR QUALIFICATION



ORGANIZATION STRUCTURE



ORGANIZATIONAL STRUCTURE

**CORPORATE
CULTURE**



CORPORATE CULTURE

Technological innovation, customer satisfaction, industry serving the country.

Missions

Create value for customer, therefore reflect itself value; Exceed the present requirements of customer, achieve future demand of customer.

Values

The pursuit of both material and spiritual happiness for all staff.

Vision

DEVELOPMENT HISTORY

SINCE
2003

2003-2005

The company was established and rapid growth, the introduction of German electrophoretic coating formulation technology, annual sales of more than 100 million yuan.



In spring and autumn, time flies. Looking back on our development history, since 2003, we have made steady development step by step and accumulated more experience and resources. Over the past 20 years, we have adhered to the original intention, constantly exploring and innovating; We always adhere to customer first, with professional technology and efficient service to win the trust and support of customers. Today, Haolisen's popularity in the painting industry is becoming more and more loudly, the influence is more and more far-reaching, and the business covered are more extensive.



2006

Successfully launched the universal electrophoretic coating, quickly occupied the market, and gained the attention of the hardware and machinery industry.

DEVELOPMENT HISTORY

2007-2008

Innovative E+P coating process system of domestic appliance industry Electric heater product, launched white electrophoretic coating, and cooperated with well-known enterprises such as Midea and Haier.



2010

Several color electrophoretic coatings have been developed, improve the decorative performance, Cooperate with the ROBAM and FOTILE brand; Make the high-end electrophoretic coatings of white color and full color occupy the main market share in China; In the same year, gray electrophoretic paint was recognized in the bus industry, and established cooperative relations with ASIA STAR Bus and KINGLONG Bus.

2009

Innovative E+P coating process system for radiator in domestic household industry, cooperating with IKEA; In the same year, it entered the field of elevator serving many domestic and foreign customers such as Hitachi and Mitsubishi, and occupying 90% share of the elevator coating market.



2011

Vigorously develop the scientific research team, set up a large scientific research department, introduced scientific research talents, and focused on independent research and development of new technology products. In the same year, the product passed the food safety certification of the United States FDA.

DEVELOPMENT HISTORY

Enter the shock absorber industry, with ZHONGDING, MECENT, ASIMCO to reach a cooperative relationship. **2012**



2014 Electrophoretic coating products became the first brand of domestic motorcycles, electric two- wheelers and three-wheelers, sales ranked the first in the industry. In the same year, establish overseas business division in the European Union and Japan where registered trademarks, export to Southeast Asia, the Middle East, Africa and Europe and other markets.

INNOVATION DRIVEN

2013

High-performance water-based industrial upgrade products are highly recognized by the automobile manufacturing industry, and once launched, it has been approved by FAW Group, Changan, Dongfeng, Volvo and other automobile OEMs with basic material technology certification, and has successively become a supplier of many automobile OEMs and parts supporting manufacturers.



DEVELOPMENT HISTORY

2015

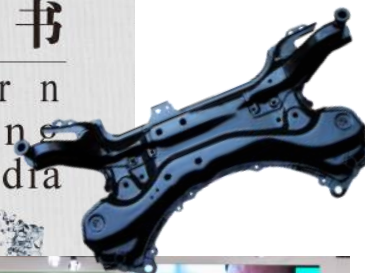
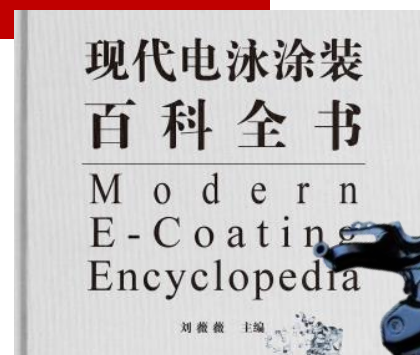
Jointly set up a "water-based surface treatment of new materials joint research center" with Fudan University, won recognition of the Sany Group water-based industrial paint materials. Cooperate with FUWA, LUOXIANG to entered the commercial vehicle industry. Cooperate with FOTON Automobile to seize the market in the segment of axle, frame, trailer..Establish a cooperative relationship with Shandong MEIDE Group in the segment of pipe valves.



2016

It won the title of Shanghai High-tech Enterprise, and has been well received in the auto parts industry. It has reached cooperation with Lear, Adient, Faurecia, Intier and other mainstream auto parts manufacturers. In the same year, I compiled my accumulated knowledge and experience into a book and published the Encyclopedia of Modern Electrophoretic Coating to help popularize the green and environmentally friendly electrophoretic coating process.

INNOVATION DRIVEN



DEVELOPMENT HISTORY

2017

Won the full set of certification of SAIC Volkswagen auto parts technical standards; In the same year, One Hundred ultra-low temperature coating was successfully developed to provide 120°C low temperature baking electrophoretic coating products, providing the best solution for compressors and other industries, and cooperating with compressors leading enterprises such as Embraco, Jiaxipera, Huayi and so on.



INNOVATION DRIVEN

2018

Won the North American Ford Standard C3 certification, which can be supplied to the global Ford system; In the same year, the developed water-based low-temperature coating successfully entered a number of industrial markets such as construction machinery, and innovatively introduced a new technology of "wet to wet" coating construction process. To achieve strategic cooperation with Zoomlion and SANY with quality service and excellent product performance; In high-end industrial pump valve with Wille, Siemens and other giants hand in hand.



DEVELOPMENT HISTORY

2019



Reached strategic cooperation with XCMG Group and became a long-term partner of XCMG Group; In the same year, the innovative research and development of NOCS nano coatings appeared in the container industry event and became the focus of the scene.

2021

Received Global Organic Finishes and Coatings certification from GM North American Headquarters; Enter the rail transportation industry and develop new materials suitable for rail transportation.

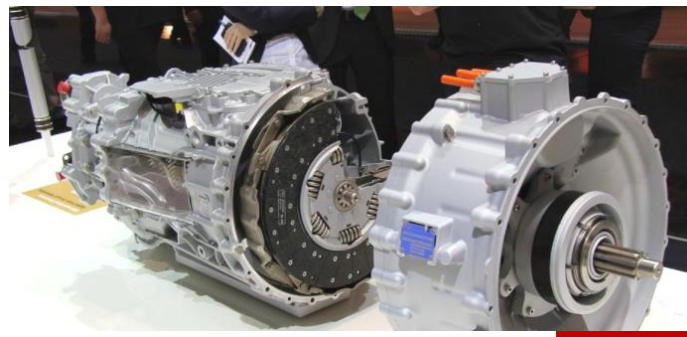


2020

The new base of Haolisen Institute of Science and Technology is completed in Nantong; In the same year, it obtained the certification of General Motors Pan-Asia Technology Center and the global certification of Volkswagen headquarters in Wolfsburg, Germany, and cooperated with Shanghai Huizhong.



2022



Cooperate with Germany ZF company to supply water-based coating for gearbox shell, breaking the monopoly situation of foreign capital. In the same year, it started business cooperation with FAW-Volkswagen to provide solutions for body parts products.

INNOVATION DRIVEN

DEVELOPMENT HISTORY

2023

Obtained CRCC China Railway Corporation Certification supplier qualification certificate, rail transportation industry won the order.



Haolisen Advanced Materials Testing Center has successfully obtained the certification of China National Accreditation Service for Conformity Assessment (CNAS), and can provide customers with professional and authoritative testing services.

INNOVATION DRIVEN

In-depth cooperation in product research and development in the field of national defense with Fudan University, the establishment of future energy storage material project cooperation with Southeast University, and cooperation with Nantong University to jointly create an innovation highland for production and research.



DEVELOPMENT HISTORY

2024

Innovatively researched and developed insulating flame retardant coatings and thermal runaway intelligent coatings, proposed four concepts of thermal runaway, light runaway, corrosion runaway, and electrical runaway, and reached strategic cooperation with the head enterprises in the new energy storage sector.



Exciting
Continu-
-ation

.....

INNOVATION DRIVEN

2024 Striving forward,
Create more excitement.

For development, we always adhere to the innovation-driven, quality-oriented, cooperation-open.



02

CORE ADVANTAGE

Uphold the light of science and open up infinite possibilities. An enterprise that adheres to the concept of scientific research, an enterprise that deeply digs the frontier of technology, a force that brings together scientific research elites, constantly explores and innovates, and leads scientific and technological progress, will surely open up a brilliant era for Haolisen explorers.

CORE ADVANTAGE

Haolisen Group has been successfully transformed from a production and processing enterprise at the beginning of its establishment into a scientific and technological innovative enterprise. The group has invested a lot of funds to set up a scientific research team and build a scientific research center covering an area of 10,000 m², containing scientific research instruments worth more than 100 million yuan; The Group has more than 100 research and development researchers, accounting for 38% of the total number of employees, of which the core research team members are graduated from Fudan University, Southeast University, East China University of Science and Technology, East China Normal University and other famous universities in China.



R&D TEAM



CORE ADVANTAGE

R&D Center

2F



Analysis and Test Center

It provides strong support for scientific research and production with advanced instruments and equipment and multi-disciplinary knowledge and technology.

3F



ED Materials Center

Responsible for the development and innovation of various E-coating products. Equipped with more than 20 synthesis laboratories, different products can carry out experimental development work at the same time.

4F



Advanced Materials Center

Haolison Advanced Materials Center for the rapid development of various new environmental protection materials in the market segment research and development work.

5F



Surface Materials Center

Mainly responsible for the development of environmentally friendly coatings, can provide water-based coatings, low-carbon coatings (high-solid low-viscosity coatings & solvent-free coatings) solutions

SCIENTIFIC RESEARCH

SCIENTIFIC RESEARCH

The Haolishen Analysis and Testing Center utilizes advanced instruments and equipment, as well as interdisciplinary knowledge and technology, to provide strong support for scientific research and production.



Raw material platform

Responsible for the analysis, testing and identification of raw material characteristics, the establishment of new material standard analysis methods and the modeling of raw material database.

Structure platform

Responsible for sample analysis and identification, including composition analysis, formula analysis, failure analysis, structure analysis, reliability testing, hazardous substance detection, product test program development and various materials database modeling.



Coating film platform

Responsible for the comprehensive testing of physical and chemical properties of various coating materials, including cyclic corrosion resistance, durability, condensate, high and low temperature, stone impact resistance and other testing items.

SCIENTIFIC RESEARCH



安东帕流变仪



金相显微镜



气相色谱



凝胶色谱



氙灯老化试验机



循环交变盐雾试验机



气质联用



紫外光加速老化试验机



盐雾试验箱



原子发射光谱仪



高低温湿热试验箱

CNAS
CERTIFICATION

SCIENTIFIC RESEARCH



The evaluation and recognition of "CNAS" means that Haolisen Advanced Materials Testing Center officially embarks on the road of scientific, standardized and international laboratory development. At the same time, it brings great significance for the company to enhance the corporate brand image, visibility and core competitiveness; It shows the international standard of China's laboratory quality management, and provides customers with more reliable laboratory services.





INTEGRATION OF INDUSTRY- UNIVERSITY-RESEARCH COOPERATION

We are committed to the development and innovation of green environmental protection products with high performance and efficiency, and cooperate with Fudan University, Southeast University, East China University of Science and Technology, Jiangnan University, Nantong University, North Dakota State University and other universities to implement the integration of industry-university-research work, and make new breakthroughs in the application of jointly developed products in the field of national defense. In the future, the innovative technology of energy storage materials has achieved significant results, and truly achieved the sustainable development of enterprise R & D personnel training.



NDSU



Joint Laboratory of
Coatings & Polymeric Materials

研究生实践基地

合作高校:东南大学
期限:2023年-2028年



浩力森

水性表面处理新材料
联合研究中心基地二

SCIENTIFIC RESEARCH ACHIEVEMENT



R&D RESULTS

30+ High-tech transformation projects

90+ Product invention patents

120+ Practical patents

While consolidating its own strength, Haolisen continues to promote the exploration and innovation of cutting-edge technologies, accelerate the transformation and application of scientific research results, and contribute to the technological progress and industrial upgrading of local enterprises. We have absolute core competitiveness in product research and development, has reached the international leading level, with more than 100 kinds of independent research and development products, many independent research and development products have obtained 30 national high-tech transformation projects, 90 invention patents, 120 practical patents.





**INTELLIGENT
FACTORY**

PRODUCTION BASES

At present, HLS group has two production bases, with an annual output of over 150,000 tons of electrophoretic coatings and water-based coatings, and has become one of the most advanced and automated industrial coatings manufacturing bases in Asia.

INTELLIGENT FACTORY



HLS Coatings (Shanghai) Co., Ltd. It was established in 2003. The factory covers an area of 16,800 square meters with a construction area of 15,600 square meters. The production area is 12,000 square meters and the storage area is 3,500 square meters. The factory has a modern standard workshop, equipped with international first-class production equipment and testing instruments, all products pass the international environmental protection authority ITS, SGS testing, fully in line with the international environmental standards.

HLS Chemical Technology (Jiangsu) Co., Ltd. more than 100 acres of green surface material industrial park, perfect planning space, strictly control equipment selection and procurement, manufacturing base with international top surface material R&D center, equipped with global advanced test instruments, make annual output of 100000 tons of green surface material industrialization 4.0 smart factory.



INTELLIGENT FACTORY

Raw material tank area

Raw material tank area has dozens of large stainless steel raw material storage tanks, storage is safe and stable, at the same time, equipped with advanced conveying and metering equipment, effectively ensure the accurate transmission of materials.

Synthesis workshop

Synthesis workshop produces modified resin, crosslinking curing agent, emulsion and other products; The reaction device is equipped with advanced complete sets, the production area is orderly divided according to the product series, and the production process is completed in one go, so as to achieve high efficiency, quality and safety.

Paint workshop

Paint workshop produces color paste, pigment, finished paint and other products. Advanced dispersion, grinding and paint mixing devices are available to ensure the final output of the product.

finished products storage

The finished products from the manufacturing workshop to the finished products storage, through the system filtration, the whole process of automatic canning; 5000 m² of three-dimensional finished product warehouse, follow the advanced logistics management system, regionally classified storage management, effectively control the quality of products.



INTELLIGENT FACTORY



AUXILIARY EQUIPMENT

It includes chilled water system, pure water system, compressed air system, nitrogen system, etc. In the pure water system, we take the lead in introducing the pure water equipment of medical grade requirements, which provides the system guarantee for improving product quality.

REACTION EQUIPMENT

The main equipment is divided into mixing system and tank, in order to reduce pollution, tank wall all polishing, $Ra \leq 0.2$ effectively reduce residual, reduce equipment cleaning. The mixing system has been continuously improved and optimized by the authoritative professional design company to truly achieve energy saving and high efficiency. For the overall safety of the equipment, the strength requirements on the basis of the design are upgraded to a level.



ADVANCED
EQUIPMENT

INTELLIGENT FACTORY

STEAM EQUIPMENT

Steam is the thermal power of the company. The park provides high, medium and low pressure steam for customers to choose from; In order to make more safe and effective use of steam, the company employs the world's top steam system design and hardware suppliers to design the steam system and provide steam system associated hardware equipment.

ADVANCED REQUIREMENTS



INTELLIGENT FACTORY



DISPERSING EQUIPMENT

Grinding and dispersing equipment are from international first-line brands, automatic production of color printing greatly reduces energy consumption, improve efficiency.

ADVANCED REQUIREMENTS

EXTRACT SOLVENT EQUIPMENT

It is a patented equipment independently developed by HLS. It uses the boiling point difference of each component in the mixed solvent to realize the separation and effectively remove the solvent. This process makes the product safer and more environmentally friendly.



INTELLIGENT FACTORY

CONVEYING EQUIPMENT

Conveying equipment is directly related to safety, environmental protection and energy saving. The company has compared the conveying equipment and selected the best among those are quality . Under the same working conditions and requirements, the quality equipment can save 40% energy and the leakage is smaller. Such as the company's circulating water transport using Grundfos brand pump, gear pump using Datong Hailong brand transport pump, to ensure that the flow, head meet the technical requirements.



ADVANCED EQUIPMENT

STORAGE DEVICE

The storage tank is made of 304/316L stainless steel. According to the storage requirements, the equipment is equipped with coil and stirring. The outside of the cylinder body is covered with rock wool or rubber and plastic for insulation to ensure the stable storage of materials.



INTELLIGENT FACTORY



INSTRUMENT EQUIPMENT

Temperature transmitter, pressure transmitter, liquid level transmitter, on/off valve, regulating valve, kettle bottom valve, pressure reducing valve, electronic balance, etc. In order to meet the control requirements of the process, mass flowmeters are used for fluid flow control, and international first-line brands are selected for all measuring instruments and equipment, which more effectively guarantees the safety and stability of production control and achieves efficient production.

ADVANCED EQUIPMENT



CENTRAL CONTROL SYSTEM

Responsible for the production control, equipment testing, batch tracking, data analysis, process management of the whole plant, so that the production becomes orderly, efficient, accurate and convenient. The whole DCS system covers more than 8000 control points, and various types, equipped with redundancy, the overall safety is high.



QUALITY REQUIREMENTS

Quality Policy

Pursuing excellent quality, building an international brand, meeting customer expectations and achieving technical leadership.

Quality Objectives

Leading industry development, exceeding user demands, conforming to international standards and erecting brand reputation.

Quality Commitments

Comprehensive pre-sales consultation, continuous sales services, optimized and upgraded after-sales services, Product 100% qualified rate.

INTELLIGENT FACTORY

High-quality products start with raw material

From supplier development to review and screening, from raw materials detected to in-and-out-of-storage management, to ensure that raw materials 100% qualified.

Strict implementation of production and processing procedures

Strict implementation of production procedures, the production process of comprehensive sampling monitoring, to ensure zero defects in the production process.

Comprehensive inspection and testing of finished products

Set the first person responsible for quality, strict implementation of the quality inspection system, to ensure that ex factory products are 100% qualified.



QUALITY CONTROL

SERVICE CONCEPT

Product zero defect

Pre-sales services: provide zero-defect high-quality products to customers.

Service zero distance

Sales services: provide professional zero-distance.

Upgrade zero condition

After-sales services: provide zero-condition product quality upgrading and updating to customers.

SERVICE SYSTEM



**100% satisfaction of
customer demands.**



**No use of harmful
heavy metals.**

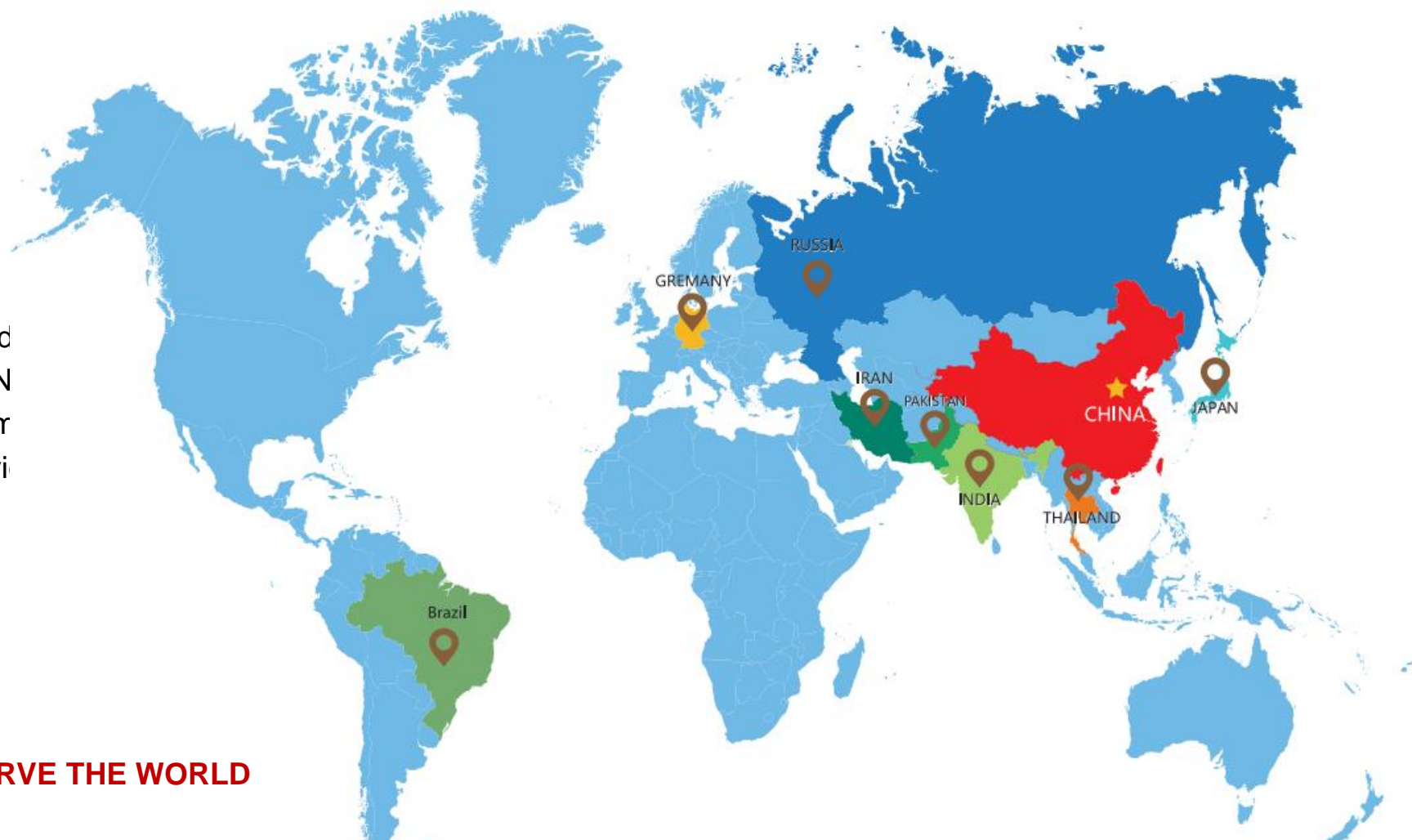


**Timely reply
within 2h.**

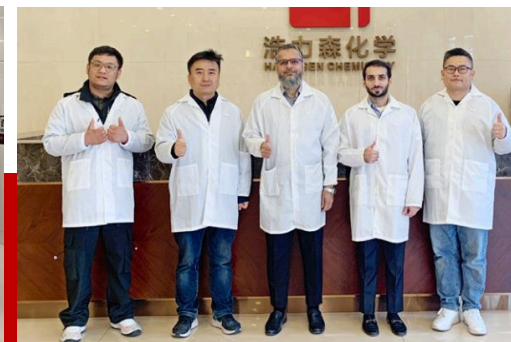
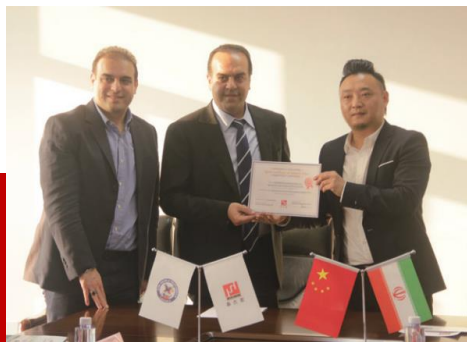
SERVICE PROMISES

SERVICE SYSTEM

Haolisen Group has established two production bases in Shanghai Jiading High-tech Park and Nantong Tech Chemical Park, has offices in 26 major cities in China and has set up technical service centers in Russia, Germany, Japan, Iran, Pakistan, Brazil, Turkey, India, etc. and its service network has spread all over the world.



CHINESE BRANDS SERVE THE WORLD





03

FLAGSHIP PRODUCT

Quality of originality ,witness potentiality.The pursuit of perfect product quality is the steadfast attitude of HLS, but also the responsibility that Haolisen can not be shirked. For a long time, adhering to the business philosophy of “Creation of aesthetic quality, high efficiency and practical value” , product-oriented, innovation as the driving force, with ingenuity the create flagship products.

High-performance solution 01

Excellent product performance is the basis for the survival of enterprises

**High-
performance
solution**

02 High-function solution

With the development of modern industry, customers' high functional demand for surface material products is increasingly presented

**High-
function
solution**

**Ultra-energy
saving
solution**

Ultra-low pollution solution 04

In line with the European RoHS, REACH and other directive requirements, has obtained the United States FDA certification.

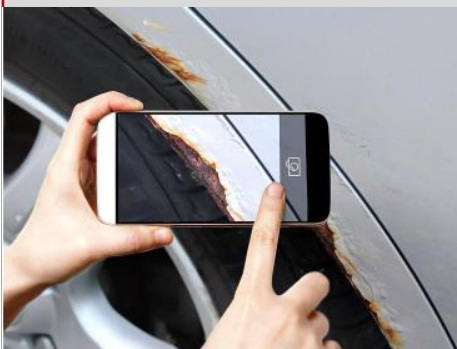
**Ultra-low
pollution
solution**

03 Ultra-energy saving solution

Aiming at the characteristics of high energy consumption and high emission of coating industry, we provide customers with coating solutions such as low-temperature curing, self-drying curing, primer and finishing integration, 3C1B and so on.

**STUDY AND ELIMINATE THE FOUR MAJOR PAIN POINTS OF THE SURFACE MATERIAL INDUSTRY
PURSUE THE ULTIMATE PERFORMANCE OF PRODUCTS**

Corrosion runaway



Corrosion prevention is the most basic and most important performance requirements of materials, products have excellent performance of salt spray resistance and cyclic resistance.

Light runaway



Excellent weather resistance, can challenge the extreme external environment, so that the loss of light, powder and other problems are solved.

Electrical runaway



The new insulating material has the characteristics of thick film and high voltage resistance, and the excellent adhesion ensures the safety of the coating during use.

Thermal runaway



With good flame retardant performance, expansion type thermal runaway insulation fire-proof material, greatly reduce the amount of halogen flame retardant.

ELECTROPHORETIC COATING SERIES

At present, the product lines not only achieve full coverage of automotive OEM coatings, but also break through the traditional concept of "automotive-specific", applications related to auto parts, agricultural machinery, construction machinery, motorcycles, electric vehicles, elevator industrial hardware, home appliances and many other industries.



**FLAGSHIP
PRODUCT**

ELECTROPHORETIC COATING SERIES

Car body electrophoretic coating

Applied to high-end passenger cars, commercial vehicles.

Auto parts electrophoretic coating

Applied to automotive chassis parts, seat, interior parts, other components, as well as salt aerosol requirements of high pipe parts, casting parts, etc.

ACE electrophoretic coating

Applied to engineering construction machinery, agricultural machinery, outdoor leisure supplies, two-wheelers three-wheelers motorcycle, electric vehicle and frame, etc.

High-end industrial electrophoretic coating

Applied to rubber and metal binding parts and zinc aluminum alloy materials, compressors and other low-temperature curing industries.

General industrial electrophoretic coating

Applied to hardware (pull locks, springs, umbrella bones, rails, etc.), machinery, home appliances, manufacturing parts, etc.

Anode electrophoretic coating

Applied to radiator, heater, lamp, home appliance, small hardware supply, etc.

FLAGSHIP
PRODUCT



SOLUTIONS FOR YOU

WATER-BASED COATING SERIES

Aiming at the characteristics of for high energy consumption, high emissions in the coating industry, starting with reducing VOC emissions, improve anti-corrosion and weather resistance , ensure the excellent appearance, reduce the coating process and other aspects ,Haolisen Group provides customers with 2C1B, 1C1B, bottom surface in one, low temperature curing, dip-coating, B1B2, 3C2B and many other environmental protection coating solutions, which widely used in automobiles, construction machinery, agricultural equipment, high-end industry, light industry and many other fields.



**FLAGSHIP
PRODUCT**

WATER-BASED COATING SERIES

Rail Transit Vehicle Water-based Coating

Applied to coating of urban rail vehicles, motor coaches, railway locomotives and freight cars and other related products.

The vehicle manufacture high-temperature water- based coating

Applied to passenger cars and commercial vehicles in the field.

Automotive components High temperature water- based coating

Applied to automotive components such as passenger and commercial wheel hubs, automotive roof frames, rear axles, axle housing, frame wheel platform, front axle.

Interior and exterior decoration high temperature water-based coating

With the corresponding finish coat, can be used in automotive interior and exterior decoration, motorcycle helmets, home appliances, 3C, etc.

ACE low-temperature water-based coating

Applied to the construction machinery industry excavators, tower cranes, pile machines harvester, bus, modified car and sanitation vehicle and other transportation equipment.

High-end industrial low- temperature water-based coating

Applied to industrial pump valves, gearboxes, agricultural machines, auto parts (brake discs, shock absorbers, transmission shafts, etc.), frame etc.

Light industry low- temperature water-based coating

Applied to home appliances, hardware, light industrial machinery, handicrafts, leisure supplies etc.



SOLUTIONS FOR YOU

LOW CARBON COATING SERIES

Haolisen Group research and development of innovative low-carbon coatings, by 1C1B, 2C1B, low temperature curing etc. construction technology, effectively help customers save energy and reduce emissions, improve production efficiency, reduce the content of volatile. Coating performance is excellent, simple construction technology, low construction costs, it has current stable application in rail transit, construction machinery, containers and many other industries.



**FLAGSHIP
PRODUCT**

LOW CARBON COATING SERIES

NOCS low-carbon coating

Applied to marine freight containers, land freight TEU and cold chain boxes.

ACE low carbon coating

Applied to construction machinery, agricultural machinery, buses, etc.

High-end industrial low-carbon coating

Applied to industrial pump valves, home appliances, auto parts, etc.

Heavy anti-corrosion low carbon coating

Applied to steel structures, bridges, port machinery and marine platforms, etc.

FLAGSHIP
PRODUCT

SOLUTIONS FOR YOU



POWDER COATING SERIES

Haolisen Group to promote extreme customization as the core, developed green powder coating products which are solvent-free, 100% converted into film, with protection and decorative comprehensive performance. The film appearance and a variety of mechanical and anti-corrosion performance could meet the high-end requirements of the industry's. Widely used in automotive components, building materials, communications, sports equipment, construction machinery and other industries. At the same time also provide colorful, transparent, metal and other types of high-end powder products.

**FLAGSHIP
PRODUCT**

POWDER COATING SERIES

Automobile manufacture powder coating

Applied to automotive body, wheels, lights, interior and exterior trims, functional components etc.

High-end industrial powder coating

Applied to building materials, furniture appliances, information and communications, sports equipment, etc.

Functional powder coating

Applied to industries that require special functions: high temperature resistant, antibacterial, insulation, low temperature, heavy anti-corrosion.

ACE engineering machinery powder coating

Applied to engineering sheet parts, engineering structural parts, engineering components and other engineering tools, engineering vehicles.

High-performance metal bonding powder coating

Applied to industries where the appearance requires a metal effect.

FLAGSHIP
PRODUCT



SOLUTIONS FOR YOU

04



CUSTOMER HONOR

Brand cooperation and cooperate to succeed. Haolisen has been established long-term sustainable strategic cooperation with benchmark enterprises from different industry through the changes of the times, market testing and technology precipitation.

CUSTOMER TRUST

Twenty years of wind and rain journey, twenty years of struggle and innovation, the trust of customers witness the growth and development of Haolisen. Haolisen will continue to innovate products and services, return customers, open up a broader market as always.

FIGHTING INNOVATION



CUSTOMER TRUST

CUSTOMER
TRUST



FIGHTING
INNOVATION



CUSTOMER
TRUST

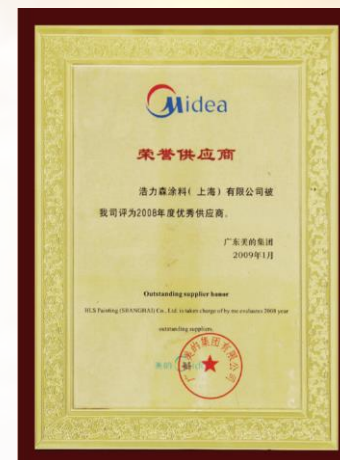
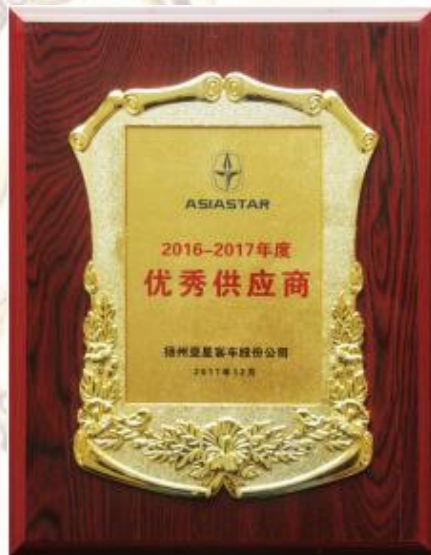
CUSTOMER
TRUST



**FIGHTING
INNOVATION**

CUSTOMER TRUST

CUSTOMER
TRUST



FIGHTING INNOVATION

CUSTOMER TRUST

CUSTOMER TRUST



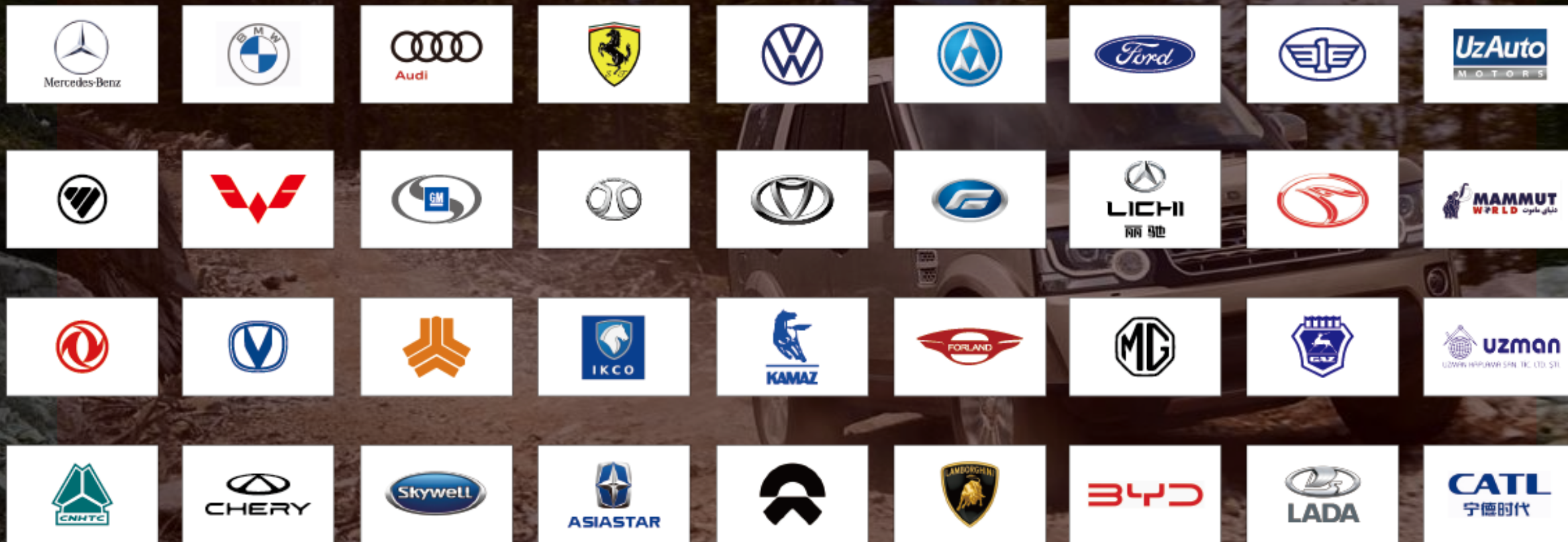
FIGHTING INNOVATION



CUSTOMER TRUST

COOPERATIVE
CUSTOMERS

Part of automobile industry customers



Part of auto parts industry customers



COOPERATIVE
CUSTOMERS

Part of construction machinery industry customers



ZOOMLION



LOVOL

BOYO 博远

normet



玉柴重工
YUCHAI HEAVY INDUSTRIES

AGCO
Your Agriculture Company

MANNO
悍沃农业装备

哈克农装
HAKO AGRICULTURAL EQUIPMENT

金诺
KINGTOP

CCMG
山东常林

COOPERATIVE
CUSTOMERS

Part of the Container industry customers

CIMC 中集

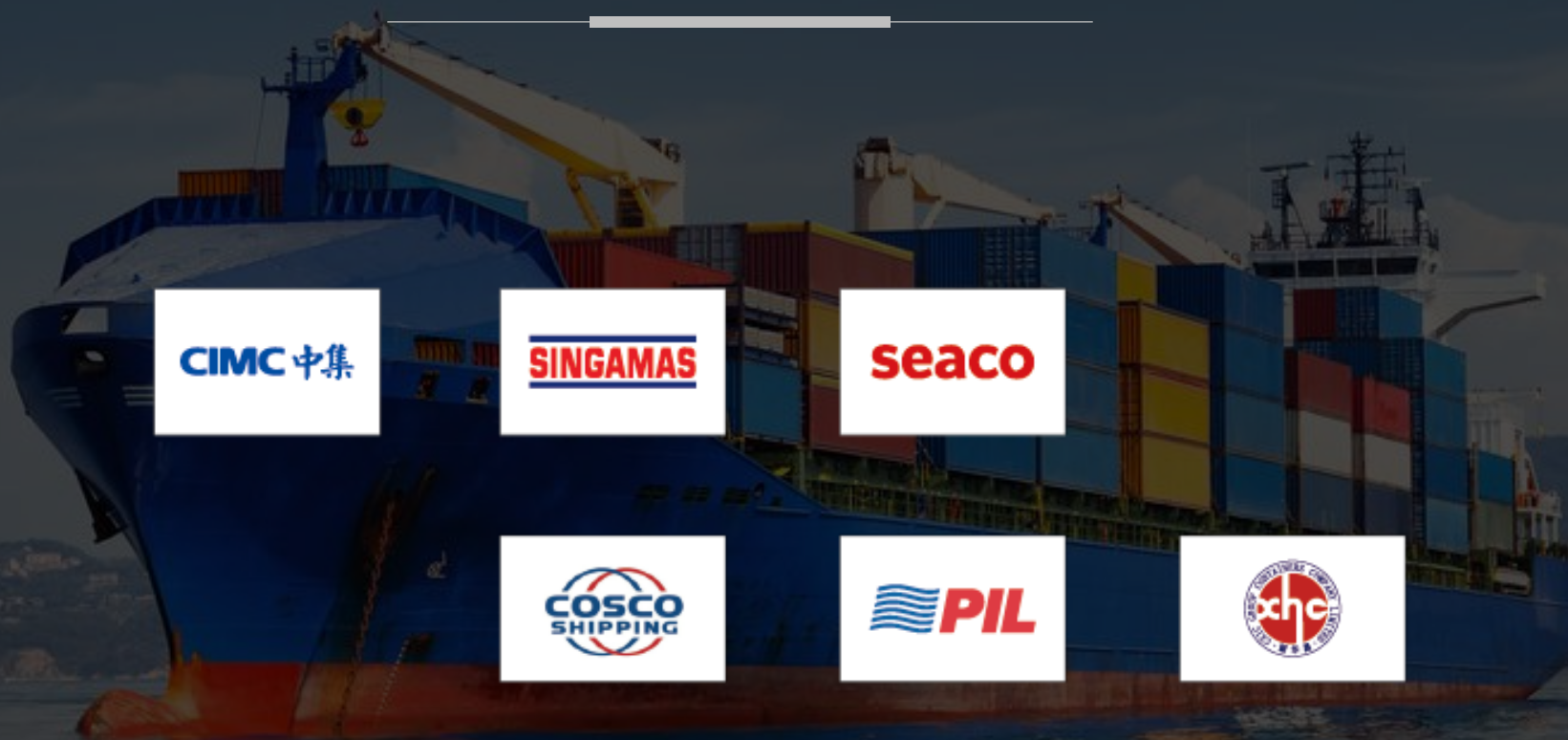
SINGAMAS

seaco

COSCO
SHIPPING

PIL

CHC



Part of rail transit & motorcycle industry customers

 中国中车
CRRC

 爱玛

 金彭
JINPENG

 DUKAR
大江摩托




YAMAHA




LONCIN 隆鑫

 新日

 大运
DAYUN


绿源电动车

 大阳
DAYANG

 台铃

 新大洲
PALLA

WAOPAI 王派



 XIAOJIAN 小剑


DUCAR



BODOO 宝岛

 雅迪

 Forever
永久牌

 NIU


HONDA

Part of the elevator industry customers



 HITACHI

 SHENLING 申菱

 KONL

XIZI
OTIS

 ILONG

 SANYO

 FJZY

 NBSL

 XJ Schindler

COOPERATIVE
CUSTOMERS

Part of the home appliance industry customers

 GREE 格力

 Haier

 FOTILE

 ROBAM

 Midea

 Galanz



 Panasonic

 SKYWORTH
创维



 CHANGHONG

 Hisense

 SHARP

 DeLonghi

 Whirlpool

 SAMSUNG

 DONPER



 Nidec
尼得科

 On shiu
荣成电器

 博斯·迪泰
BOSIDITAI

 Airma
苏宁·艾尔玛

 SIEMENS

 TCL



 Ronshen



Part of the foundry industry customers



wilo



SHIP 一舟

AIPU



NYP



SHIMGE
新界泵业

HP 華輝

联胜



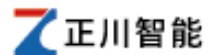
Substar



ZHONG HENG PET
中恒泵

泰普森

Part of the home furnishing industry customers

The IKEA logo, consisting of the word "IKEA" in blue capital letters inside a yellow oval with a blue border.The OPPEIN logo, featuring the word "OPPEIN" in black capital letters followed by the Chinese characters "欧派" in orange.The A.O. SMITH logo, with "A.O. SMITH" in blue capital letters above the Chinese characters "史密斯" in blue.The JOMOO logo, the word "JOMOO" in blue capital letters.The OPPLE logo, the word "OPPLE" in blue capital letters.The QuanU logo, with "QuanU" in green and blue lowercase letters followed by the Chinese characters "全友" in green.The Zhengchuan logo, featuring a stylized blue and red "Z" followed by the Chinese characters "正川智能" in blue.The PHILIPS logo, the word "PHILIPS" in blue capital letters.The NVC logo, with "NVC" in green capital letters above the Chinese characters "雷士照明" in green.

COOPERATIVE
CUSTOMERS

Part of the 3C industry customers

Canon

DELL
Technologies

TOSHIBA

Panasonic
松下电器

FUJITSU

SAMSUNG

hp



Nikon

Lenovo

UGREEN 绿联

ThinkPad

ASUS

Part of the stationery industry customers

deli

COMIX
齐心文具

M&G
晨光文具

真彩
truecolor

PILOT

GuangBo

ZEBRA
斑马牌

LAMY

MUJI
無印良品



05

BLUEPRINT FUTURE

Trees gathered into the forest, the real love has no geographical boundaries, the collection of the power of many people, is the root of the prosperity and development of enterprises. As a company with a sense of social responsibility and mission, while developing enterprises, Haolisen integrate charity and public welfare undertakings into the strategic development planning of enterprises, taking an active part in public welfare with the attitude of “giving back to society” , to cultivate and promote the social responsibility of enterprise employees.

CARE FOR EMPLOYEES



EMPLOYEE DEVELOPMENT

Haolisen is committed to providing employees with a broad development platform and space for the creation of world-class enterprises to cultivate high-quality talent. To ensure that the interests of all employees are protected on the basis of fairness, openness, fairness and reasonableness, a number of selection activities are carried out to recognize employees who have performed outstandingly in research and development innovation, production and operation, public welfare services and other fields.



INDUSTRY DEVELOPMENT

Haolisen not only focused on product development and production, but also actively engaged in public welfare undertakings. Through public benefit training, Haolisen not only understands market demand and trends, but also establishes closer links with customers and partners. In addition, using the experience and results obtained in practice, Haolisen actively participated in the compilation of painting books, promoting the knowledge of green electrophoretic painting process, and also provided reasonable reference cases for painting workers. These initiatives are Haolisen's dual contribution to society and the industry, showing its professionalism and responsibility.

2021, XCMG Group painting training conference

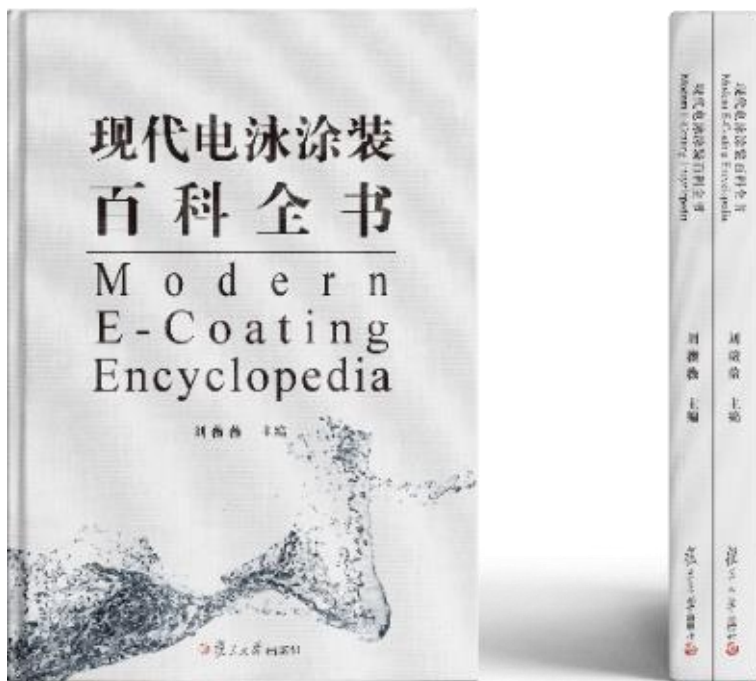


2022, Shengjiu Group "Change painting process" training



INDUSTRY
DEVELOPMENT

INDUSTRY DEVELOPMENT



In 2016, Haolisen write and publish a "Modern E-coating Encyclopedia" book with the group team knowledge and experience, which in-depth analysis of the core points in the electrophoretic coating process, provide the vast number of coating workers to read reference, to promote the popularization of green E-coating process.



In 2021, Haolisen technical experts participated in the preparation of the book Green Engineering Machinery Coatings and Coating Technology, which comprehensively introduces the coating knowledge of engineering machinery and summarizes the development of technology. It is a monograph on engineering machinery coating with both theoretical guidance and practical experience.

SOCIAL RESPONSIBILITY

GIVE BACK TO SOCIETY

As a company with a sense of social responsibility and mission, while developing enterprises, Haolisen integrate charity and public welfare undertakings into the strategic development planning of enterprises, taking an active part in public welfare with the attitude of "giving back to society", to cultivate and promote the social responsibility of enterprise employees.



SOCIAL RESPONSIBILITY

GIVE BACK TO SOCIETY



In 2021, Haolisen came to the Nantong Development Area Nursing Home, send care and sympathy to the elderly. And celebrate their birthday together with the two elderly people.

SOCIAL RESPONSIBILITY



In 2022, Haolisen together with the Poverty Alleviation Office of Muding County, Chuxiong Prefecture, Yunnan Province, launched a "charity donation" activity to encourage all employees to care for poor children and send a special "Children's Day gift" to children in mountainous areas.

CONCLUSION



THE VAST GROWTH IS BOUNDLESS

Twenty years of striving ahead and pioneering innovation, Haolisen has become an international corporation group which is multi-company operation, multi-brand coverage, multi-category innovation.

Facing the future, Haolisen Group will uphold the great dream of revitalizing national industry, with practical actions committed to sustainable development model, in the cutting-edge technology and research innovation, intelligent manufacturing production, international marketing services and other directions continue to advance, in order to achieve enterprise stardom steadily forward, with ingenious quality to set an industry benchmark, scientific and technological innovation to create an international model.



浩力森

THANK YOU

86 21 39199221

www.haolisen.com

www.haolisengroup.com



Group headquarters: No.1185 Huyi High Way,
Jiading, Shanghai, China

Shanghai Factory: No.158 Huiping Road, Nanxiang
Development Area, Shanghai, China

Jiangsu Factory: No.18 Tongwang Road, Nantong
Development Zone, Jiangsu, China