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**LEHUI**  
First for value

**Lehui International**

## Customer Driven, First for Value

"Le" is the hope that all employees, partners and shareholders will find success, happiness and satisfaction in their pursuit of professional success.

"Hui" means benefit – benefit to employees, shareholders, upstream and downstream related parties through business development.

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**10 YEARS IN A ROW**

## **China Liquid Food Machinery Industry Top Ten Enterprises**

**by China Light Industry Associations  
July 2022**

## Company Founders |



LAI Yunlai (L) and HUANG Yuening (R)

In 1991, Mr. Lai Yunlai and Mr. Huang Yuning established Huizhou Lehui Industrial Co., LTD., the predecessor of Lehui International, with a capital of 5000 US dollars in Huizhou Daya Bay, Guangdong Province. Huizhou Lehui Industrial Co., Ltd. is the only champion enterprise in the Chinese manufacturing industry.

In November 2017, Lehui International (SSE.603076) successfully went to public (IPO) on Shanghai Stock Exchange.

Lehui's vision is to become the world's premier beer, beverage and dairy equipment manufacturer.

The two founders of the company have been working together for 31 years, benefiting from the scientific management structure and the common business and life values. The company firmly believes in the business philosophy that pleasantness opens doors internationally and quality is not just a promise but the brand of Lehui of the company.

# First for value

LEHUI

Lehui International

## Drive to customer value

- With large scale and low cost manufacturing capacity, to provide customers with cost-effective products and services.
- Always maintain competitive prices and fast delivery ability to successfully complete every project.
- We have rich experience in project execution at home and abroad and outstanding successful cases.
- The company strictly adheres to business ethics and is certified by TRACE International Anti-Bribery Organization and audited by international organizations such as Sedex and SGS.
- Clean production, green health, EHS is a model factory.
- Adhere to the long-term focus on the development of the equipment industry for liquid food products such as beer, spirits, beverages and dairy products.

# History of Lehui

1998 ● Foundation of Ningbo Lehui Food Machinery Co., Ltd.

2004 ● In 2004, Ningbo Lehui ( Xi Zhou ) factory was built.

2005 ● Joint venture with Ziemann, Germany.  
In 2011, Lehui repurchased the shares from Ziemann.

2008 ● Nanjing Lehui Light Industry Equipment Co., LTD.  
was established to start the beer packaging equipment business.

2009 ● The Nanjing Lehui factory was completed and put into operation.  
Integration of beverage business to found Nanjing GrandPak Machinery Co., Ltd.,  
focusing on the beverage packaging equipment.

2010 ● Set up of the BrewTech Automation Technology Co., Ltd.

2014 ● Lehui Ethiopia branch company was formally established, start to build  
Lehui Ethiopia factory in 2015, and put into production in 2016.  
Acquisition of all IP and assets of Microdat UK, Lehui officially  
entered into the field of kegging & casking equipment and  
formed a full product line in the field of beer equipment.

2015 ● The transformation of shareholding system is completed,  
renamed to Ningbo Lehui International Engineering Equipment Co., Ltd.

2016 ● Investment in setting up Lehui office and service center in India.

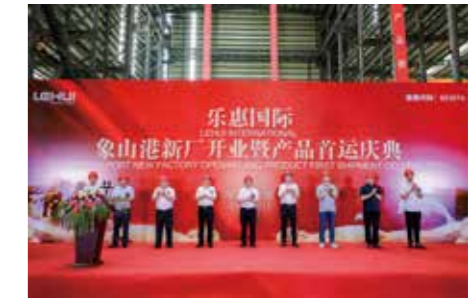
2017 ● Set up a Mexican subsidiary company.  
Set up an Indian branch company.  
The initial public offerings (IPO) of Lehui International on November 13.



Foundation ceremony for new company



The company successfully listed in the Shanghai Stock Exchange



The new plant in Xiangshan Port was put into operation

2018 ● In March, Lehui acquired Finnah Packtec GmbH which was founded  
in 1975 and an excellent reputation in dairy packaging industry.  
In May, Nanjing Lehui Light Industry Co., Ltd. renamed as Nanjing Lehui Finnah Packtec Co., Ltd,  
starting to manufacture in China by using the German technology of dairy packaging equipment.  
The Craft Beer Sharing Platform Project in Damu Bay Ningbo was officially launched. Set up Lehui office in Nigeria.

2019 ● In February, Lehui International introduced Amoeba Management System.  
In March, the self-developed diaphragm mash filter was successfully certificated by FABES Forschungs-GmbH  
and Heineken Group confirmed Lehui as qualified supplier of such equipment as well.  
Established Brazil subsidiary.

2020 ● The Vessel Business Unit entered the lithium battery new energy equipment industry.  
The new plant in Xiangshan Port was completed for production.

2021 ● In January, won the gold medal of the Chinese individual event.  
Lehui International has made great achievements in the liquor industry,  
and has obtained liquor engineering projects such as Wuliangye,  
Luzhou Laojiao, Swellfun, Alcoholic Liquor, Jiangxiaobai, Lang wine, etc.  
Luzhou Lehuirunda Intelligent Equipment Co., Ltd. is engaged in the R&D and manufacturing of liquor equipment.  
The standard of "Gongfang Beer Mechanical Saccharification Filter Pot"  
has been approved by Zhejiang Brand Construction Association as the group standard of "product standard".  
On November 18, Ningbo Lehui was awarded the VSA Technology Innovation Award  
and the Best Strategic Partner title by Budweiser Asia-Pacific VSA Member Association.

2022 ● Invest in the construction of Nigerian factories.  
Xiangshangang plant Phase II expansion.

# Many world-famous companies are our long-term customers

Lehui International employs about 1300 people, including about 300 engineering and technical personnel. There are more than 100 internationally-experienced overseas employees from India, Germany, Mexico, Ethiopia, Nigeria, Brazil and other countries.



Our products have been exported to more than 50 countries and regions. Most world-renowned brand manufacturers in the beer, beverage, and dairy industries are among our customers.



## Large-Scale, Low-Cost Business Model

The main products of Lehui International are often containing tens of thousands of parts and are also equipped with electrical instrumentation and automation. Many technologies take years to master, with each innovation taking at least a few years.



Lehui International will always be grateful to the country to let us meet a great era of reform and opening up, we will strive to make Lehui International into a model of made in China.

## Vision: Reach and exceed European standard

Made in Germany is the benchmark recognized around the world and we have developed to approach German quality while maintaining humility and perfect service.

We maintain low cost manufacturing, adhere to the high quality performance to customers.

We continue to gain experience, innovate and strive to provide internationally competitive products in every respect.



## Business Philosophy



Our strategy is to provide high-quality products, only and offer to the customers the whole life cycle management for our equipment.

We firmly believe that excellent employees are the most valuable wealth of an enterprise, and take good care of our employees' interests around the world.



We believe in Amoeba's management philosophy, taking small organizations as the accounting unit to save costs.

We identify with giving power to those who are working on the front lines" We always adhere to: European quality, Chinese price.

## Branding and Positioning

**Lehui** International is one of the world's famous beer beverage equipment brands.

**Grandpak** Nanjing is a wholly-owned subsidiary of Lehui International, which is a famous brand for beverage packaging machinery in China.

**Finnah** is a well-known dairy packaging brand in Europe, which efficiently combines German advanced technology with Chinese manufacturing to form a leader in the field of aseptic packaging machinery for dairy products.

**Lehui Runda** is a domestic liquor industry intelligent equipment manufacturing company, to create liquor processing and packaging intelligent machinery equipment for China.

Lehui committed to produce high quality equipment only.





## Technology Innovation

Lehui international has more than 110 patented technologies. Presided over the drafting of 3 national standards and 4 industrial standards. In 2014, the new product high-speed draft beer packaging line was awarded as the "national strategic new product" by the Ministry of Science and Technology, the Ministry of Industry and Information Technology and other four ministries in 2014.



In 2021, the electronic liquid filling device (patent number ZL201210449093.7) declared by Nanjing Lehui Fenach was successfully selected as the patent Excellence Award, becoming the only enterprise in the domestic beer, beverage and dairy filling industry to win this award. Ningbo Lehui won the provincial engineering technology center and national individual champion and other honorary titles; Nanjing Lehui won the title of "Jiangsu Province specialized, special and new little giant Enterprise (manufacturing)".

In 2018, 60000 cans/hour intelligent automatic beer can filling production line (LHPTGF108-8) was recognized by Jiangsu Provincial Department of Industry and Information Technology as the first major equipment product in Jiangsu Province. (Certificate No. : 201806)

In 2020, Ningbo Lehui BCMF intelligent ceramic membrane beer soiless filtration equipment won the national high-end manufacturing key field of the first domestic product (set).



## European Quality, Chinese Price

Lehui won the title of "Excellent Supplier of Carlsberg Beer Project Safety Management".

Lehui received Budweiser's VSA Award for Technological Innovation.

Lehui was awarded Best Strategic Partner by Budweiser Asia Pacific VSA.

## Overseas Subsidiaries and Offices

The beer, beverage and dairy equipment engaged in by Lehui is a subsector of our business, which is easily affected by the cyclical fluctuations of the regional market economy. Only by going into the global market can it become bigger and stronger.

Lehui has basically completed its own globalization with subsidiaries in Africa, Latin America and Asia. Especially in overseas factories, attention is paid to customer proximity and close service for customers to rely on.



## Internationalization and Globalization



After establishing a branch in Ethiopia in 2014 to gain a foothold in the African market, the company started to invest and set up subsidiaries in India and Mexico in 2017 and in Brazil in 2019.

In 2018, a piece of land was purchased in Ethiopia to expand the plant, which has manufacturing and service capacities to cover most countries in Africa.

In 2022, Lehui sets up a factory in Nigeria in Africa.

We have set up sales and service centers in Germany, Chile, the United States, India, Myanmar and other countries

Lehui thus has basically realized the globalization of the overseas market.

# Qualification and Certification to go Global

## GO GREEN

In June 2017, the photovoltaic project jointly built by Ningbo Lehui and Beijing Enterprise Clean Energy Company was combined to the grid.

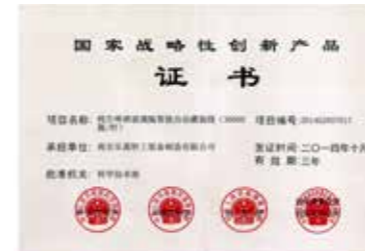


Sedex, the Supplier Ethical Data Exchange, is a non-profit membership organization dedicated to driving improvements in responsible and ethical business practices in global supply chains.



TRACE International is a non-profit business association to provide members with anti-bribery compliance support.

- Lehui International has obtained ISO9001 quality assurance system certification, and its products are exported to nearly 50 countries around the world.
- It has ASME, PED, GOST, AS1210 and other quality and safety assurance system certifications.
- China pressure vessel manufacturing license and pressure pipeline installation license.
- ATEX explosion-proof certification.



Awarded "National Strategic New Products" by four ministries and commissions of the Chinese Government



Certificate of national standard drafting committee



SGS IOS 9001



Qualification from SABMiller



High-tech enterprise certificate



Budweiser Asia Pacific VSA Member



Science and Technology Enterprise Certificate



ASME



Intellectual Property



Utility model patent certificate



Certificate of Invention Patent

# Processing Equipment

- Raw materials storage system, conveyors and processing equipment.
- Beer brewing and processing equipment
- Distillery equipment eg. Whisky
- Chinese liquor brewing and processing equipment
- Processing equipment for beverage
- Processing equipment for dairy products
- Processing equipment for other liquid food eg. Seasonings



# EPC whole plant turnkey project

We provide EPC turnkey service for liquid food plant such as beer, liquor, dairy products, and beverages. From project planning, site selection, exploration, design, piling, civil engineering, buildings, equipment manufacturing, installation and commissioning, training and operation to delivery.

Our competent PMO team is pleased to offer customers with our professional one-stop service.



# Liquor Equipment Product Introduction

## Intelligent distillation production line

The intelligent liquor production line based on traditional liquor production technology is mainly composed of intelligent distilling system, discharge booth drying system, intelligent piping system, distilling control system and stainless steel platform system. Each single equipment in the production line can realize intelligent control function, with high measurement accuracy, stable operation of equipment, low comprehensive energy consumption, and is easy to maintain and clean.

According to the traditional spirit distillation process of large-scale spirits enterprises, the company customized research and development, design and manufacture of automatic production lines for large-scale spirits enterprises to provide automatic and intelligent integrated distillation solutions.



# LEHUI RUNDA

Luzhou Lehui Runda Intelligent Equipment Co., Ltd. is a joint venture between Lehui International and Luzhou Runda Machinery Equipment Co., LTD. Luzhou Runda Machinery Equipment Co., Ltd. was established in 1991, and as one of the high-tech enterprises, it is committed to research and development, production, sales and service.

The company attaches great importance to the scientific research in the field of distilling machinery and equipment, and has established a stable strategic cooperation between industry, universities and other scientific research institutions. It has six national invention patents, 21 utility model patents and ten software Copyrights.

It has famous customers such as Wuliangye, Luzhou Laojiao, Shuijingfang, Jiujiu, Lang Jiu, Gujingong, Jinshiyuan, Guotai, Xiantan, Jiangxiaobai and other wine enterprises.

It provides intelligent steamed bran system, steamed grain system, stall drying system, steaming distillation system, fermentation and liquor storage system as well as other products.



# Packaging Equipment for Alcoholic Beverages

Lehui Packaging Division is the core subsidiary of Lehui Nanjing Base. This division specializes in the manufacturing of packaging machinery for the alcoholic beverage industry, its high-speed glass bottling line and high-speed canning line technology is far ahead in China and can easily compete at the international level. It covers a variety of packaging types such as glass bottles, cans and metal barrels.



## Beer packaging equipment

Mainly high-speed beer bottling line and canning line, compatible with carbonated beverages, cocktails and other products, including CB double-end bottle washer, EP electronic valve filler, energy-saving sterilization machine, conveying system and whole line management.

## Craft beer packaging equipment

5000-12000 cph canning line for craft beer, including bottling line and canning line, as well as kegging/casking equipment.

## Lehui Craft Brewery Equipment

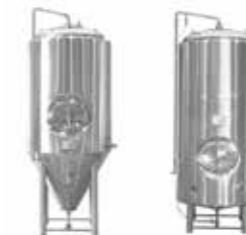
Lehui began to manufacture craft brewery equipment in 2010 and exported to UK and the US. In 2014, we acquired all the technology and IP from Microdat, the former UK's famous manufacturer of craft brewery equipment.

In the last five years, the world of beer brewing has experienced a real boom. The many experiences have been used to develop innovative brewing solutions to improve the quality of key engineering and services. Innovations and improvements can be seen mainly in the professional design, manufacture of equipment, installation, commissioning and personnel training. We can provide the complete production line for 5 hl to 200 hl craft brewery with modular design and manufacturing.

The BREWTECH process control system: Lehui independently developed the BREWTECH automatic process control and information management system that meets the ISA - S88 standard. The system has been successfully supplied to the PEARL RIVER, CRB, Heineken, AB-Inbev and other domestic and foreign breweries.



Malt Mill  
Four Roller Mill For Craft



Fermenter and Brite Beer Tank,  
Vessels, Etc



Two-vessel Brewhouse



Three-vessel Brewhouse



Four-vessel Brewhouse



Five-vessel Brewhouse

## Packaging Equipment for Alcoholic Beverages

Lehui Liquor Packaging Division has specially developed and designed the first high-speed color box automatic packaging line integrating packaging, logistics and warehousing for the liquor industry, with a warehousing efficiency of 24,000 bottles per hour.

From bottle washing, draining, filling to boxing & packaging, the high-speed color box automatic packaging line can achieve the goal of comprehensively accelerating and upgrading the production line, saving resources, increasing production capacity, and providing more possibilities for the digital and intelligent development of the liquor industry.



### Liquor and spirits packaging equipment

Mainly based on the automatic bottling line of Chinese liquor, it is compatible with the needs of rice wine, red wine, cocktails, whiskey, fruit juice and health wine, including bottle washer, filler, conveyor system and the whole line management system.



## New energy, daily chemical and biological reactor equipment

Inheriting the craftsman spirit of Lehui, with more than 20 years of experience in non-standard pressure vessel manufacturing and engineering installation, strong equipment manufacturing capacity and perfect quality management system, the company fully meets the quality needs of customers in emerging industries.

At present, we have been serving emerging customers in various fields such as biomedicine, dairy beverage, fine chemical industry, new energy and new materials, laser welding heat exchange plate and so on for a long time. According to the characteristics of customers' products, we provide turnkey services from design, manufacturing, and installation to commissioning, to meet the actual needs of different products in different industries.

- Laser welding jackets are widely used by customers in the dairy industry, such as Yili, to replace the traditional plug welding jacket structure and improve product use efficiency.
- Satisfy customers' requirements for material processing, such as 2205 and 317L tank processing.
- To meet high-end customers' needs, eg. in the pharmaceutical industry, we use mechanized polishing and electrochemical polishing on the inside of the tank, thus the surface roughness can reach  $Ra \leq 0.2\mu m$  (or mirror surface) according to customer's requirement. The polishing routine is consistent with the direction of the CIP cleaning water which improves the cleaning effect.



### Chemical/Fine chemical industry containers

- ◇ The reaction kettle
- ◇ Heat exchanger
- ◇ Fluidized bed
- ◇ columns
- ◇ Hydrogenation reactor, etc.
- ◇ Large storage tank



### Biological/pharmaceutical industry containers

- ◇ Cell culture tank
- ◇ Dispensing/filling tank and system
- ◇ The water system
- ◇ Fermenter/ingredients tank
- ◇ Powder bin/separator



### Engineering module or pry block

- ◇ Ocean engineering module
- ◇ Chemical engineering module

### Containers for other trades

- ◇ New energy lithium electricity
- ◇ The electronics industry

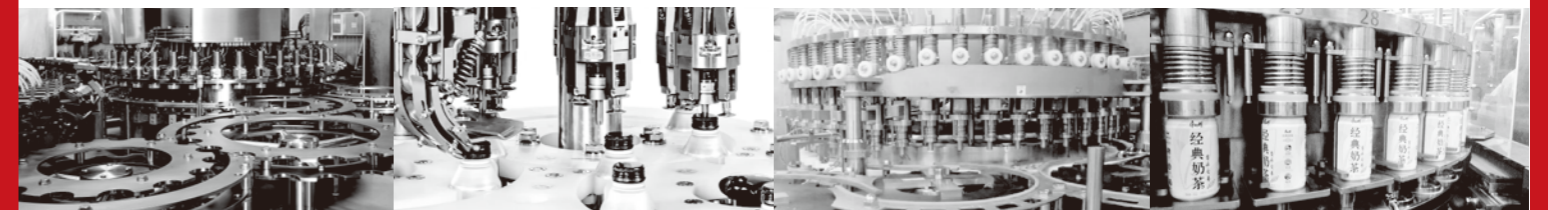


# Grandpak Beverage Equipment

After more than 20 years of development, the long-term cooperation and joint development of Nanjing Grandpak aseptic filling technology with Japan Toyo cans has become increasingly perfect. The technology has passed the provincial and ministerial technical appraisal presided over by the Chinese government, and ranks in the forefront in the industry.

Nanjing Grandpak is one of the few companies in the world that has achieved aseptic filling technology for PET at low temperatures according to Log6 standard. The focus is on the production of PET bottles, cans and glass bottles for medium to high speed production lines.

Nanjing Grandpak can deliver turnkey solutions for whole beverage plants. Its core products include not only packaging equipment, but also process equipment such as mixing, UHT, aseptic tank system and CO<sub>2</sub> soda mixer.

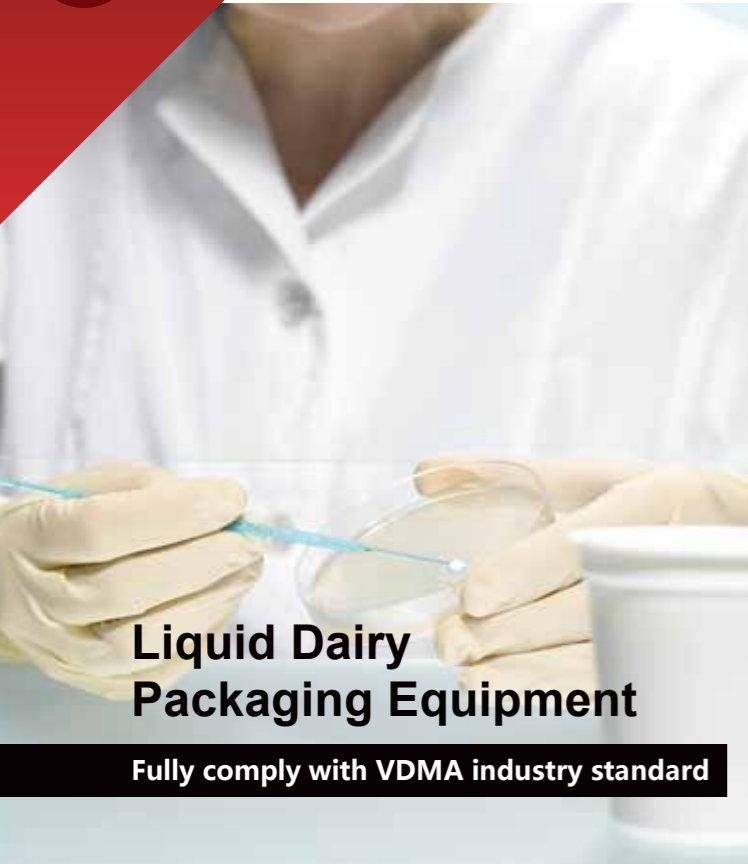


## Processing equipment

Stainless steel vessels, UHT, Mixer, Syrup Dissolving System, Processing, Aseptic Water Preparation System etc.

## Aseptic packaging equipment

Moderate and high-speed packaging line for PET bottles, Bottlecan, cans and glass bottled products.



## Liquid Dairy Packaging Equipment

Fully comply with VDMA industry standard



FFS-Aseptic Form-Fill-Seal Machines



CFS-Aseptic Cup Filling and Sealing Machines



BFS-Glass/Plastic Bottle Filling and Sealing Machines



For more than 40 years, Finnah has designed and built high-performance dairy packaging machines for every application. The many years of experience gained through every new impulse of customers flows into our newest machine generation.

Aseptic Packaging machines for the dairy industry

- Form-Fill-Seal Machines
- Cup Filling and Sealing Machines
- Bottle Filling and Sealing Machines

**Finnah**  
芬纳赫

# Ningbo Factory



Built in 2004



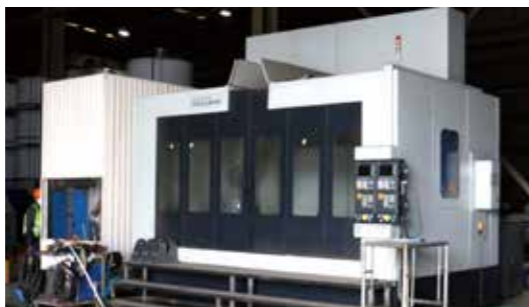
## A modern factory for large-scale processing equipment

Ningbo Lehui International has a factory of more than 100,000 square meters and is the largest and best quality stainless steel vessels manufacturer in China. Ningbo Lehui has carbon steel material pickling & phosphating technology and continuous automatic baking equipment in line with the national environmental protection standards.

Ningbo Lehui has advance technology in stainless steel laser welding and electrochemical polishing; Lehui is also an excellent manufacturer for sanitary grade stainless steel vessels.



Ningbo Lehui International



## Nanjing Factory



### Packaging machinery manufacturing base

Nanjing Lehui Finnah is a professional manufacturer and turnkey service provider of packaging machinery for beer, liquor and aerated beverage, with the main product lines of glass bottles, cans, PET bottles, KEG barrels and other products. The Company's technologies have been continuously improved mainly through the acquisition of European companies' intellectual property and independent research and development innovation. Nanjing Grandpak Packaging Machinery Co., Ltd. is committed to the filling and packaging business of medium and high-end beverages, dairy products and liquid food. The 8 Axle Automatically Bending Machine imported from Sweden is a perfect weapon for aseptic solutions for Beer & Beverage Industry.

Built in 2009



Nanjing Grandpak  
Nanjing Lehui Finnah

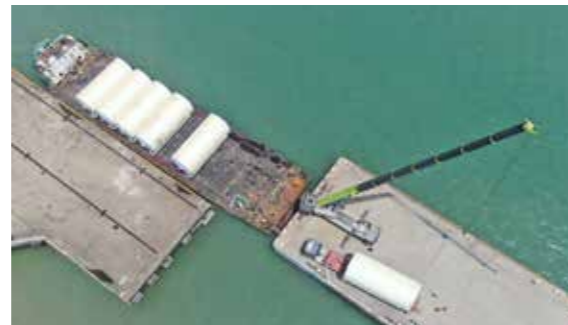


## Xiangshan Harbor New Factory

Built in 2020



In order to meet the needs of overseas market, Lehui international began to build a new large-scale factory near Xiangshan harbor, covering an area of 60,000 square meters, in its first phase, the workshop area is 16,000 square meters, of which the height inside of the workshop reaches 40 meters. This new plant is equipped with many advanced facilities including large head spinning machine with a diameter of 10 meters, 5,000 kw German laser welding machine, SAF automatic welding machine, etc. It will greatly enhance our mechanization level, production efficiency and capacity. The new factory is next to the deep-water wharf, which is convenient in transportation for large-scale equipment & vessels with lower logistic costs.



## Build a global ultra-large-scale process equipment manufacturing base



With advanced technologies and good quality, after many years of competing with outstanding European rivals in the international market, Lehui International has become a world-famous brand and gains a place in the international market. Lehui has large-scale manufacturing capabilities, fast delivery and cost competitive advantages. With our outstanding international engineering design and project management team, Lehui provides our customers with turnkey services from project master planning, design, manufacturing, installation, commissioning, and project management.





Founded in 2020



## Focusing the Industry, Connecting the World

In 2018, Lehui acquired Finnah Packtec GmbH which was the world leading manufacturer of aseptic dairy packaging machinery for nearly 50 years. There are more than 300 sets of yogurt and liquid milk aseptic packaging systems supplied by Finnah around the world. At the beginning of 2020, Lehui International formally established its subsidiary “Lehui Maschinenbau GmbH” in Ahaus. While maintaining the dairy packaging machinery business, it is also committed to serving European beer and beverage customers. It is the core composition of Lehui’s Internationalization layout in liquid food industry. It will provide sales and after-sales services to customers in the world, especially in Europe, and will be responsible for technology R&D and innovation in the future, as well as procurement and agency of European products.



## COOPERATION WITH ALIBABA CLOUD TO ACHIEVE DIGITAL TRANSFORMATION

Lehui International cooperates with Alibaba Cloud AIoT, based on Alibaba Cloud Industrial Internet, relying on mechanized, automated, and intelligent equipment, on the basis of automated production, collecting production process data, utilizing big data analysis and other technologies to build a comprehensive digital equipment platform.

FIRST FOR VALUE



**Warm Congratulations**

**Lehui International has delivered  
all projects successfully  
since its establishment 31 years ago.**

Cloud computing, IoT, big data and other technologies will be applied in equipment production and manufacturing, a production center platform for equipment manufacturing will be created, so production informatization will be realized by using cloud-side applications.

By upgrading the equipment production line, core digital products and production center platforms will be created, including customer management, project management, production management and other applications, therefore operating efficiency of equipment factories will be improved, and operating costs will be saved.

**[sales@lehui.com](mailto:sales@lehui.com) / [www.lehui.com](http://www.lehui.com)**