



SINHOM MANUFACTURING EQUIPMENT CO.,LTD.

Company Presentation

2026
R1



Who We Are

General Info.

SINHOM



INTRO

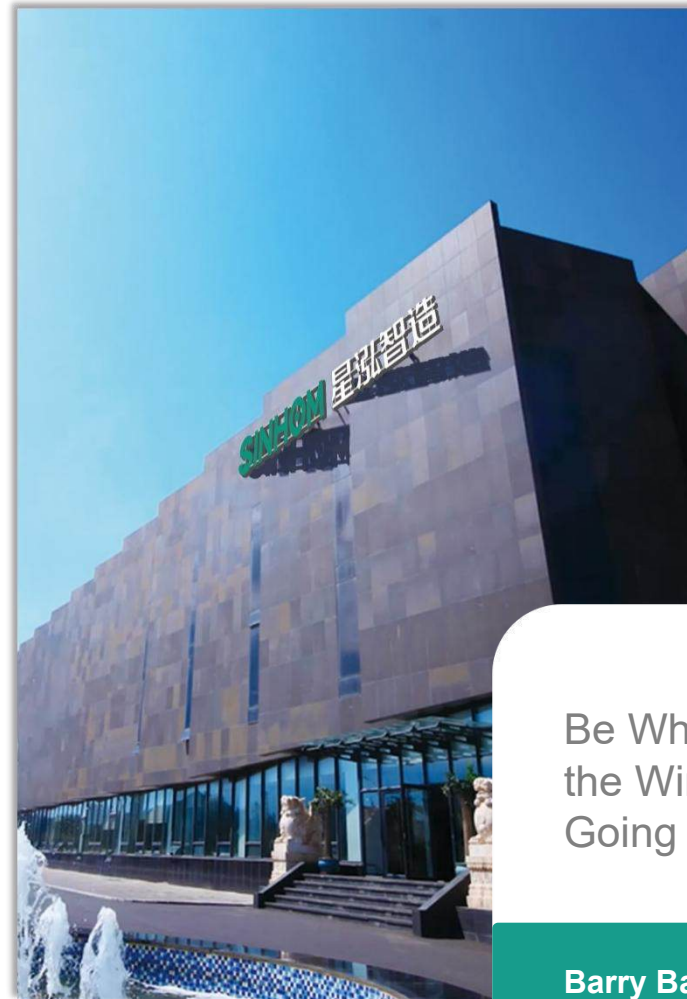
General info.

Sinhom Manufacturing Equipment Co., LTD., established in 2013, with headquarter located in Dalian City, has a total investment of over 3 billion CNY and covers a total land area of 286,000 square meters, with 500+ employees and 84 patents.

Sinhom mainly engages in the design, manufacture and machining of large forgings and heavy-duty steel components. To serve our customers, Sinhom also provide professional logistic service with our own subsidiary companies.

Sinhom is capable of manufacturing forged rings with diameters from 0.6 meters to 10 meters. With the machining capability of 28m in diameters, 64m in length and 13m in height, makes Sinhom machining capability No.1 in Aisa. The annual production capacity is 215,000 tons.

SINHOM



Be Where
the Wind is
Going

Barry Bai
CEO



Vision & Mission



VISION

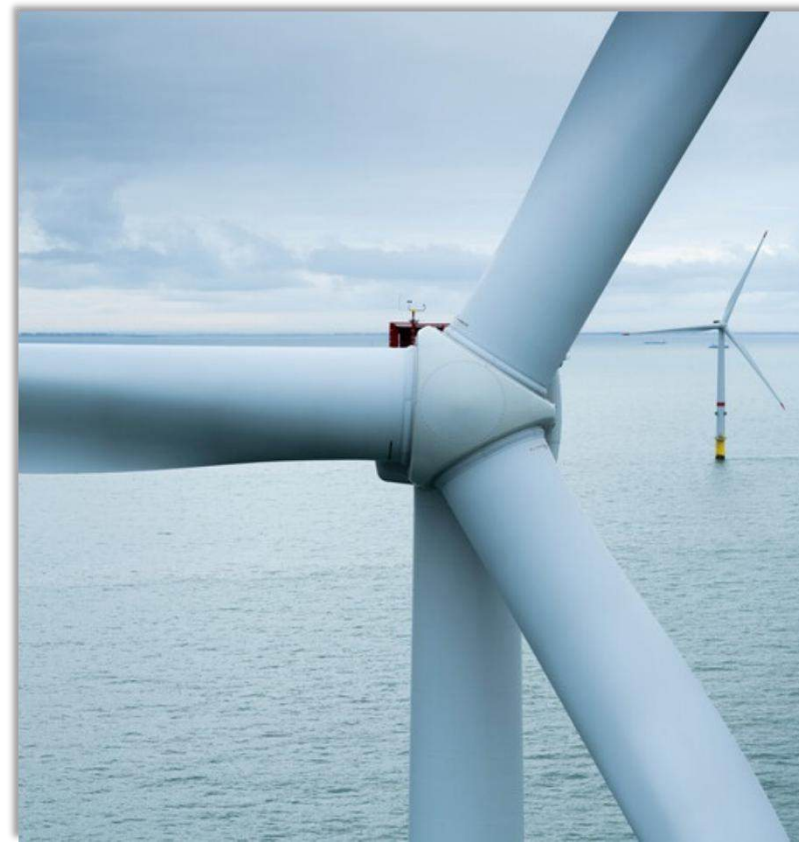
The three winners' operation principle runs in SINHOM, intelligently manufacturing a community of shared future for employees, enterprise and our country. While ensuring the material and spiritual happiness of all employees, we make contributions to the progress and development of mankind and society.



MISSION

To be a pioneer in the renewable energy industry by providing high quality clean energy and services. To promote the harmonious coexistence of human and nature and to devote all our strength to environmental protection.

To promote the harmonious coexistence between human and nature,
and to devote all our strength to environmental protection





Company History

- ISO9001/ISO14001/ISO45001
- CE Certification
- 8 Classification Society Certification
- Supplier Certification of Wind Tower Makers, Wind Turbine OEMs and Bearing Factories

2013

Dalian Heavy Forging Co., Ltd
DHF Established

2014-2019

Tianjin facility for offshore

2020

- Si Hui Logistic Company Established
- TPG-NDT & Heat Treatment Approval
- Approved by SKF
- DHF Renamed as Sinhom
- Set up global warehouse in Spain

2021-2023

- Top 100 enterprises in Dalian
- Green Factory and Digital Workshop
- NDT Branch of Liaoning Mechanical Engineering Society
- Approved by RWE

2024

- METI (In Process)
- Expansion of Sinhom Tianjin

2025

SINHOM



Global Company

Manufacturing Facilities

- Sinhom Manufacturing Equipment Co. Ltd.
- Sinhom Manufacturing Equipment (Tianjin) Co. Ltd.
- Tianjin Sinhom New Material Technology Co. Ltd.

Branch Offices

- Xi'an, China (Non-ferrous metal business)
- Mumbai, India (Wind business)
- Zhongneng Power (Beijing) Energy Technology Research Institute

Warehouse

- Boksburg, South Africa
- Gijon, Spain
- Valencia, Spain

Logistics Company

- Dalian Si Hui Transportation Co., Ltd.



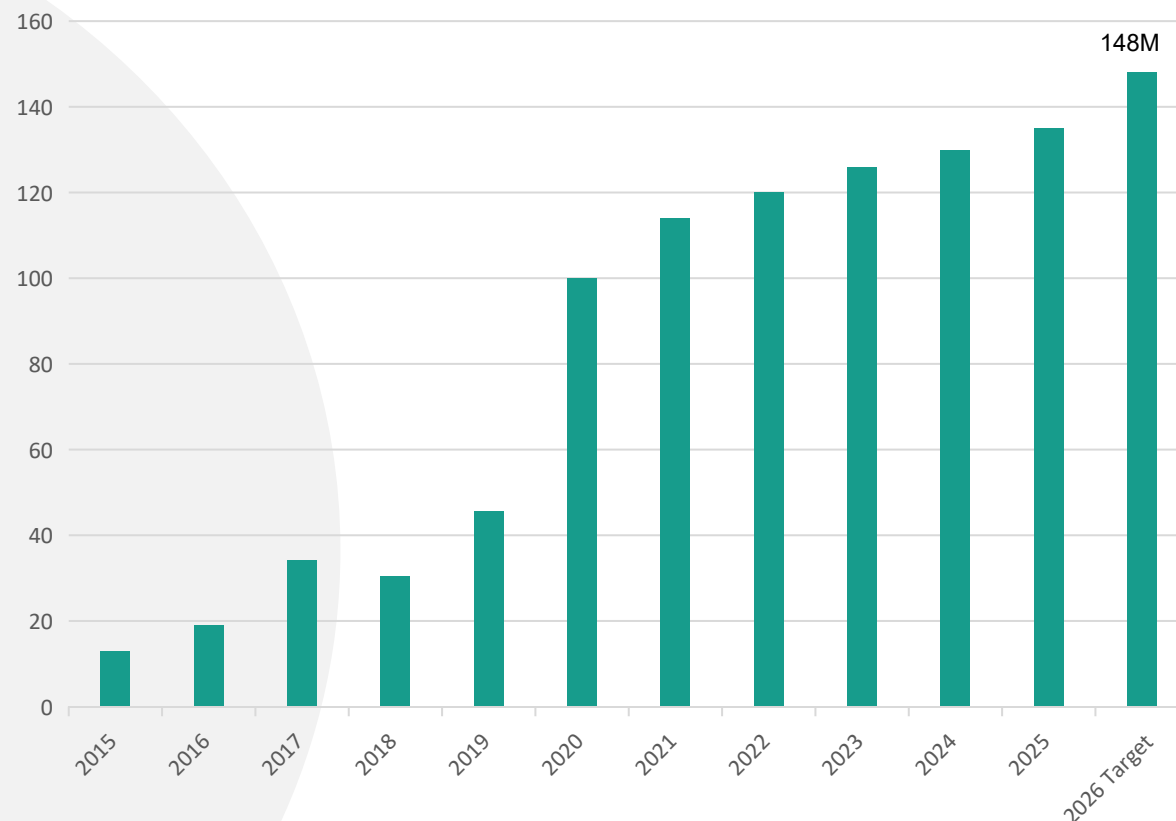
Markets



Sinhom provides the most professional services to customers worldwide, the products are exported to nearly 20 countries around the world.



Currency: EUR



SINHOM

Sales Performance

1. Stable Growing

From 2014 to 2019, Sinhom got all necessary certifications and approvals from customers, then Sinhom got explosive growth since 2020 and keep this trend until now.

2. Compound Annual Growth Rate

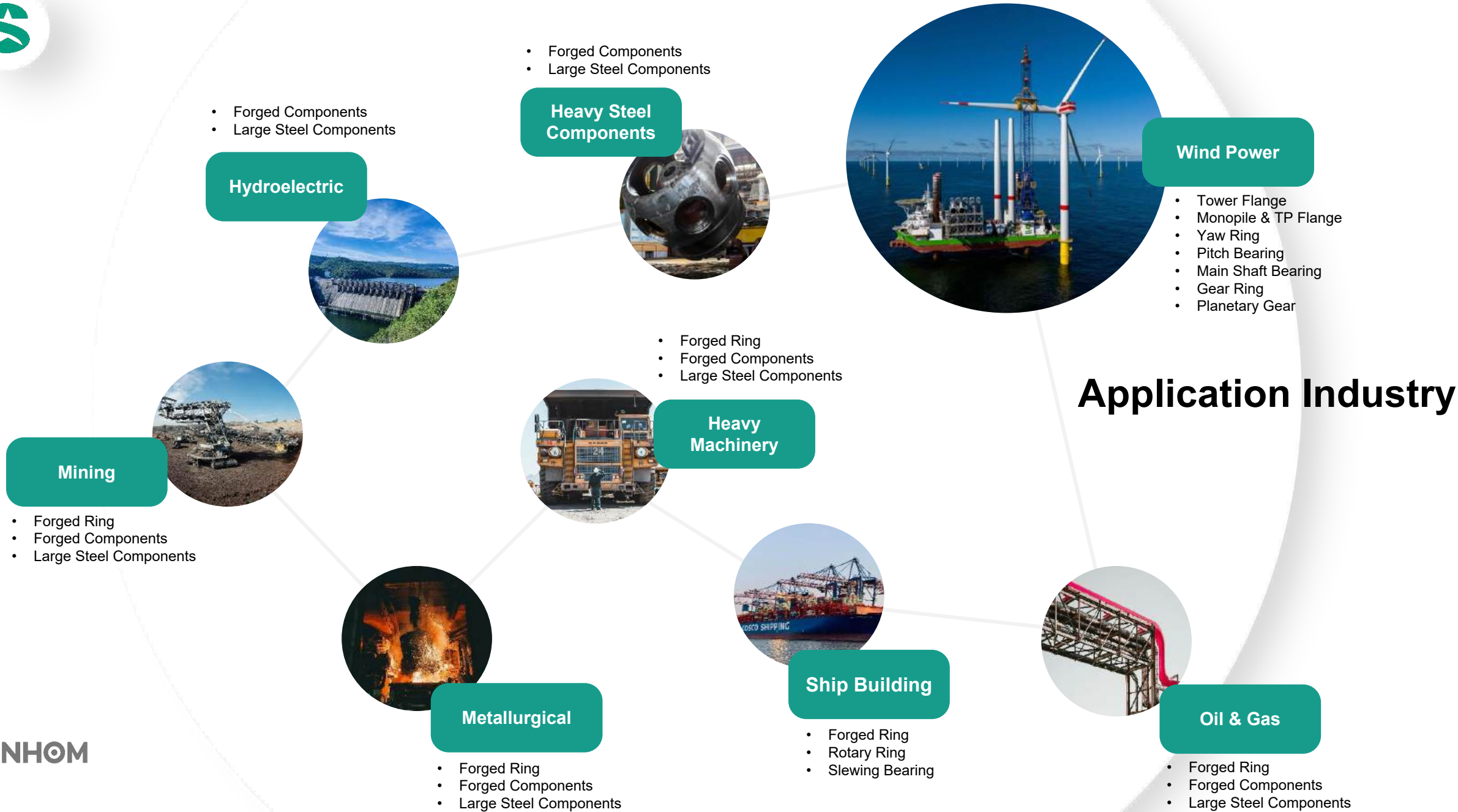
From 2015 to 2024, Sinhom CAGR is about 30%.



What We Do

Products & Customers

SINHOM





Windpower



Tower Flange



Monopile & TP
Flange



Forged Ring





SINHOM Offshore Performance



Monopile Flange

Year	Project	Developer/ OEM	QTY(Pcs)	Size
2026	Gennaker	Skyborn	32	7851*6600*350
2026	Nordseecluster-B	RWE	30	7500*6630*315
2025	BC-Wind	OceanWind	11	8001*7101*330
2024	WAK	Iberdrola & Windar	11	8000*7100*333
2024	Nordseecluster-A	RWE	16	7500*6630*315
2023	MORAY WEST	OceanWind	33	7500*6400*405

Over **100 pcs** of monopile flanges delivered to European market with **0 quality claim** and **0 delay**.



SINHOM Offshore Performance



Offshore Tower Flange

Year	Project	Developer/ OEM	QTY(Tower)	Size
2026	Baltica 2	SGRE	27	7500*6700*288
2026	Norfolk Vanguard West	Vestas	46	8000*7000*285
2025	Hornsea 3	SGRE	40	8000*7140*295
2025	DBC	GE	40	8000*7250*267
2025	Dominion	SGRE	20	8000*7140*295
2025	Fengmiao	VESTAS	33	7500*6700*245
2025	Oranjewind	VESTAS	23	7500*6620*275
2025	Inchcape	VESTAS	36	8000*7000*285
2025	East Anglia3	SGRE	25	8000*7312*255
2025	Empire Wind	VESTAS	27	8000*7180*270
2024	Nordseecluster	VESTAS	22	7500*6630*290
2024	THOR	SGRE	18	7500*6648*310
2024	HAI LONG 3	SGRE	10	7000*6462*207
2024	Dominion tower flange-offshore	SGRE	10	7500*6666*281
2024	Great Changhua	SGRE	40	8000*7200*263
2023	SOFIA tower flange	SGRE	40	7500*6700*301
2023	MORAY WEST tower flange	SGRE	12	7949*6841*220
2023	Denmark H.D.	VESTAS	32	7500*6640*240
2023	Borkhum	SGRE	24	7000*6230*244
2023	Revolution	SGRE	22	7000*6420*194



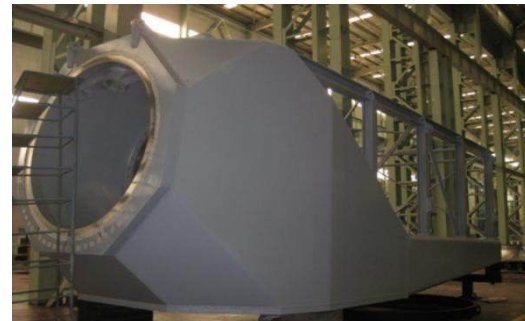
Windpower



Hub



Main Frame

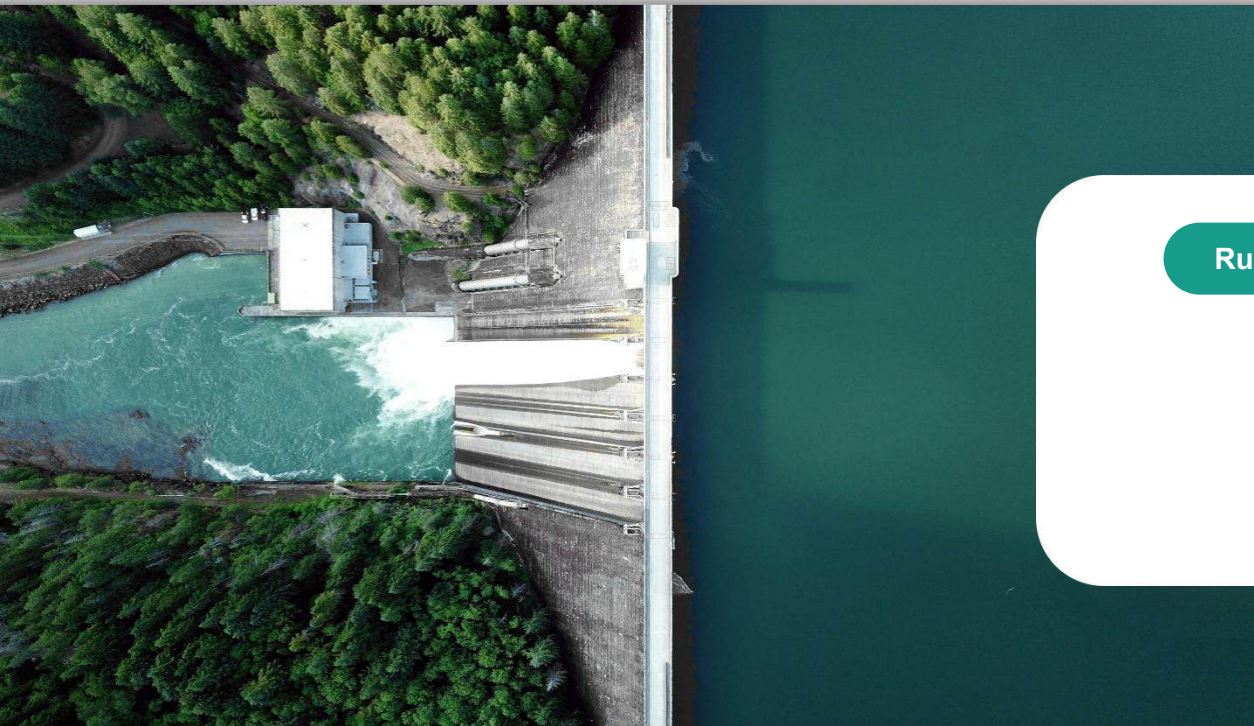


Foundation





Hydropower



Seat Ring and Volute



Runner Chamfer

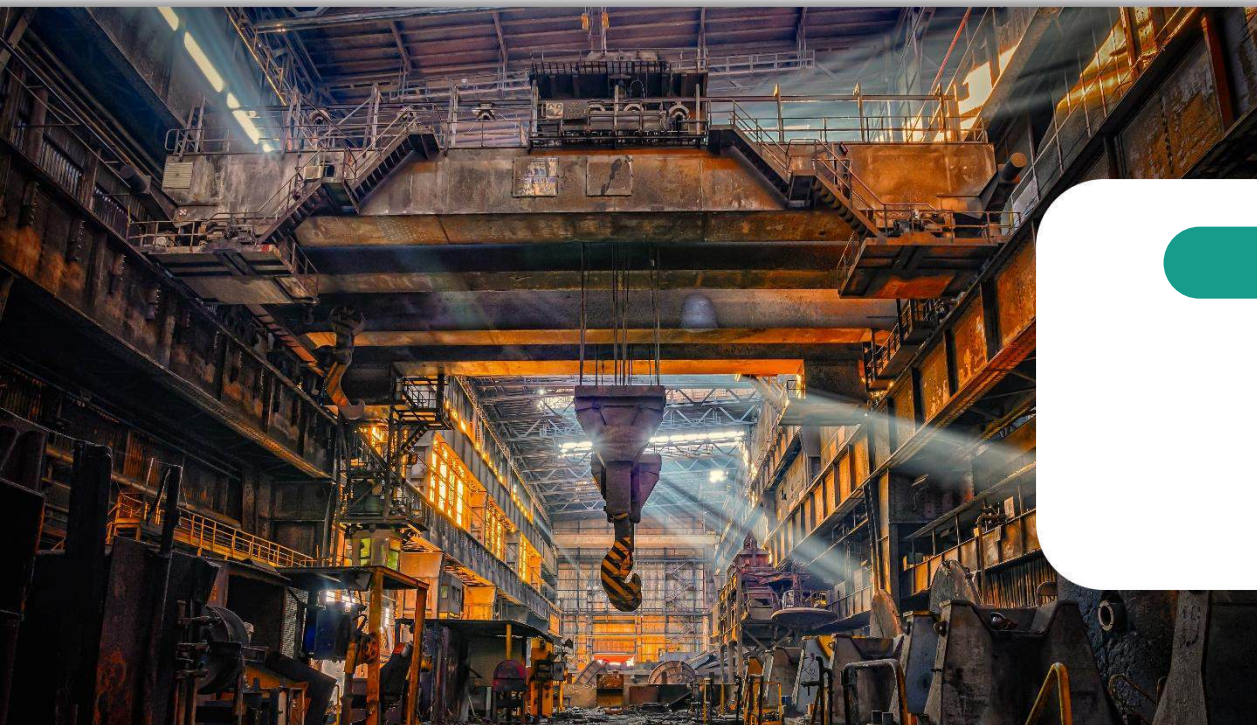


Seat Ring





Metallurgical



Converter



Dryer



Material Storage





Mining



Gear Ring



Feeding Machine



Dumper





Heavy Component



Steel Component



Barrel Component

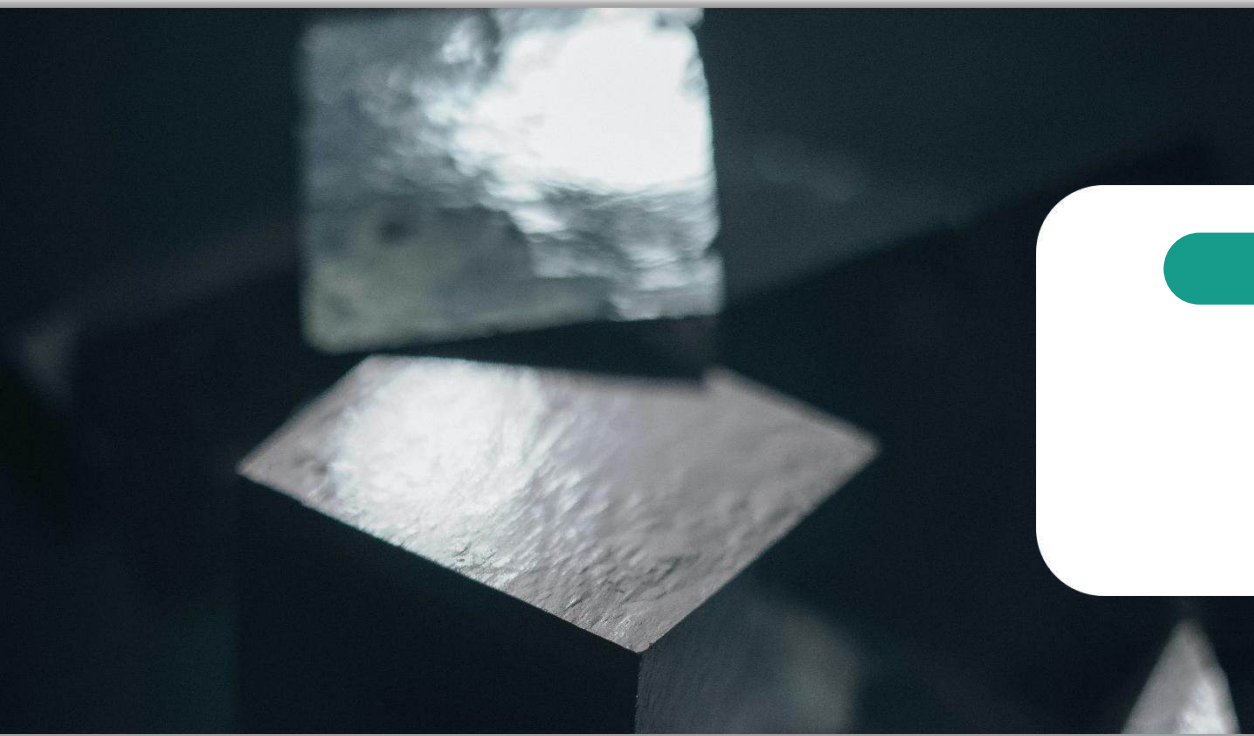


Distributor





Non-Ferrous Metal



Aluminum



Titanium



Copper Alloy





Vestas

SIEMENS Gamesa
RENEWABLE ENERGY

 **GE VERNOVA**
Our portfolio of energy businesses

 **NORDEX**  **acciona**
Windpower

 **ENERCON**
ENERGY FOR THE WORLD

SUZLON
POWERING A GREENER TOMORROW

 **Envision**


GOLDWIND

Wind Customers

 **MINGYANG GROUP**
明阳集团

CSSC 中国海装

 **上海电气**
SHANGHAI ELECTRIC

 **中国中车**
CRRC

 **联合动力**
United Power

SINHOM


哈电集团
HARBIN ELECTRIC CORPORATION

 **运达股份**
WINDEP


DEC
东方电气


SANY



ALSTOM

SIEMENS

ANDRITZ

VOITH



Other Customers

CSSC



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How We Do

Competitiveness

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Dalian Facility

Capability & Capacity

- Input weight ≤ 55 Ton
- Diameter ≤ 8 m
- Annual Capacity : 150,000 Ton
- Land Area : 130,000 m²

Main Equipment

- Pressing : 2,500T, 3,000T, 6,000T
- Ring Rolling : 4.5m, 6.5m, 8m
- Furnace : 26 sets
- Machining : 43 sets

Product Application

- Onshore Wind
- Shipbuilding
- Metallurgical
- Mining
- Oil & Gas
- Non-ferrous metal components



Tianjin Facility

SINHOM

Capability & Capacity

- Input weight ≤ 75 Ton
- Diameter ≤ 10 m
- Machining : Max. ϕ 28m, Max. L 64m, Max. H 12m
- Annual Capacity : 65,000 Ton
- Land Area : 126,000 m²

Main Equipment

- Pressing : 10,000 T
- Ring Rolling : 10m (SMS)
- Furnace : 13 sets
- Machining : 23 sets

Product Application

- Offshore Wind
- Shipbuilding
- Metallurgical
- Mining
- Hydroelectric
- Oil & Gas
- Non-ferrous metal components
- Heavy steel components



Si Hui Transportation

SINHOM

Capability & Capacity

- 13 trucks
- Max Load 55Ton
- Covers 600+ cities and counties
- Transportation, warehousing, distribution

Service

- Road freight transportation
- Ordinary freight transportation
- Large object transportation
- 24x7 service and monitoring

Main Transportations

- Large Flanges
- Large Bearings
- Vertical Lathe
- Large Propeller
- Shield Tunneling Machine
- Large Hook
- Other Large Components



Mega Equipment



Φ10m SMS Rolling

- Max Weight: 75,000kg
- Max Height: 2,500mm
- Wall Thickness: 1,000mm



CNC boring and milling

- Max Length: 28m
- Max Height: 12m



CNC Horizontal Lathe

- Max Diameter: 5m
- Max Length: 24m



CNC double-gantry boring and milling

- Max length: 64m
- Max height: 10m



CNC gear hobbing machine

- Diameter: Φ3700-Φ16000mm
- Modulus: M≤60



CNC Vertical Lathe

- Max. Diameter: 28m
- Max. Height: 13m



NNSR

Near Net Shape Rolling



Near Net Shape Rolling

By combining digital simulation with practical operation, the product design and process design are scientifically analyzed to solve the difficulties of the near net shape rolling, so as to achieve the goal of cost savings.



Production Lead Time

Fast Delivery & Quick Response

Sinhom is committed to providing you with services to help you gain an edge in the competition. Our professional team precisely controls the process to ensure timely product delivery and promptly meet your needs.

Ex-work

4 weeks



To Southeast of Aisa

6 weeks



To North America

9 weeks



To Europe

13 weeks





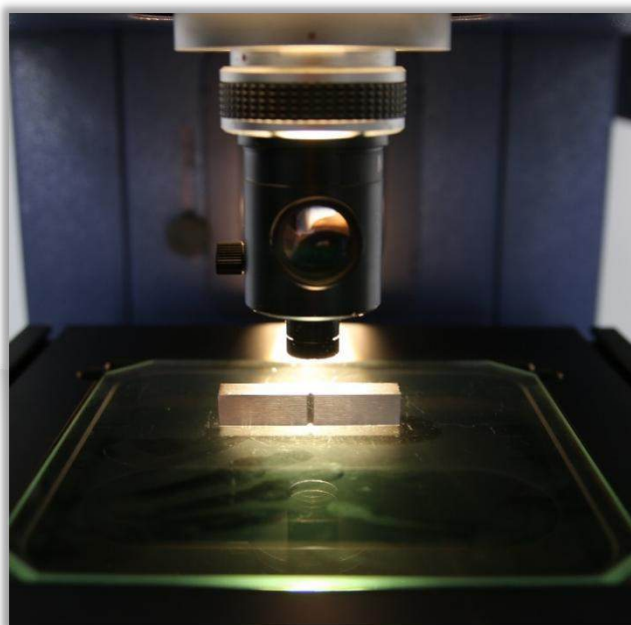
Quality Assurance

Production Management System



From raw material procurement, manufacturing, testing, packaging until delivery, all processes are controlled and tracked in Production Management System

Professional Laboratory



Both manufacturing facilities are set with laboratory approved according to ISO 17025, testing covers all customers' requirements

100% Inspection



Sinhom products are 100% inspected.

With total 4 NDT Level III and 20 NDT Level II, Sinhom assures the best quality for all our customers.



Certifications

Management System

- ISO 9001
- ISO 14001
- ISO 45001
- CE

Classification Society

- CCS
- KR
- NK
- RINA
- ABS
- BV
- DNV
- LR

TPG - PRI

- NDT
- Heat Treatment

Sustainability

- WCA (Intertek)
- Ecovadis

Laboratory

- CNAS (ISO 17025)
- CMA (3rd Party)

Others

- Patents (84)





What Else

Sustainability

SINHOM



SINHOM Sustainability Team



Barry Bai
CEO



Richard Hu
Team Leader





SINHOM & UN SDG

SUSTAINABLE DEVELOPMENT GOALS

Sinhom sustainable measures involves 11 aspects of 17 UN SDGs

1 NO POVERTY



Financial aid to school in poor area

3 GOOD HEALTH AND WELL-BEING



Strong correlation mechanism between safety targets and the management KPIs

4 QUALITY EDUCATION



Sinhom Elite Scholarship and differentiated training programs

5 GENDER EQUALITY



Female senior management member reached 31.6%

6 CLEAN WATER AND SANITATION



Direct drinking water system installed and water circulation use

7 AFFORDABLE AND CLEAN ENERGY



7MW solar panels and green electricity used in facilities

8 DECENT WORK AND ECONOMIC GROWTH



Fair and transparent governance of equal pay for equal work.

10 REDUCED INEQUALITIES



No gender discrimination and employ people with disabilities

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



Waste and energy management in place and utilization of backlog inventory

13 CLIMATE ACTION



GHG and PCF verified and carbon emission reduction measures in progress

17 PARTNERSHIPS FOR THE GOALS



Sustainable supply chain establishing and suppliers required to sign COC



Carbon Goals

2029

Carbon Peak

Both Dalian & Tianjin facility will reach carbon peak in 2029 and reach carbon neutrality in Scope 1 and Scope 2 no later than 2040.

Carbon Goals

2040

-50% CO₂

With 2025 as the base year, reach carbon reduction 50% by 2040.

Carbon Goals

2045

-70% CO₂

Through industrial energy saving, use of renewable energy and equipment upgrading and technical improvement, expected carbon reduction 70% by 2045

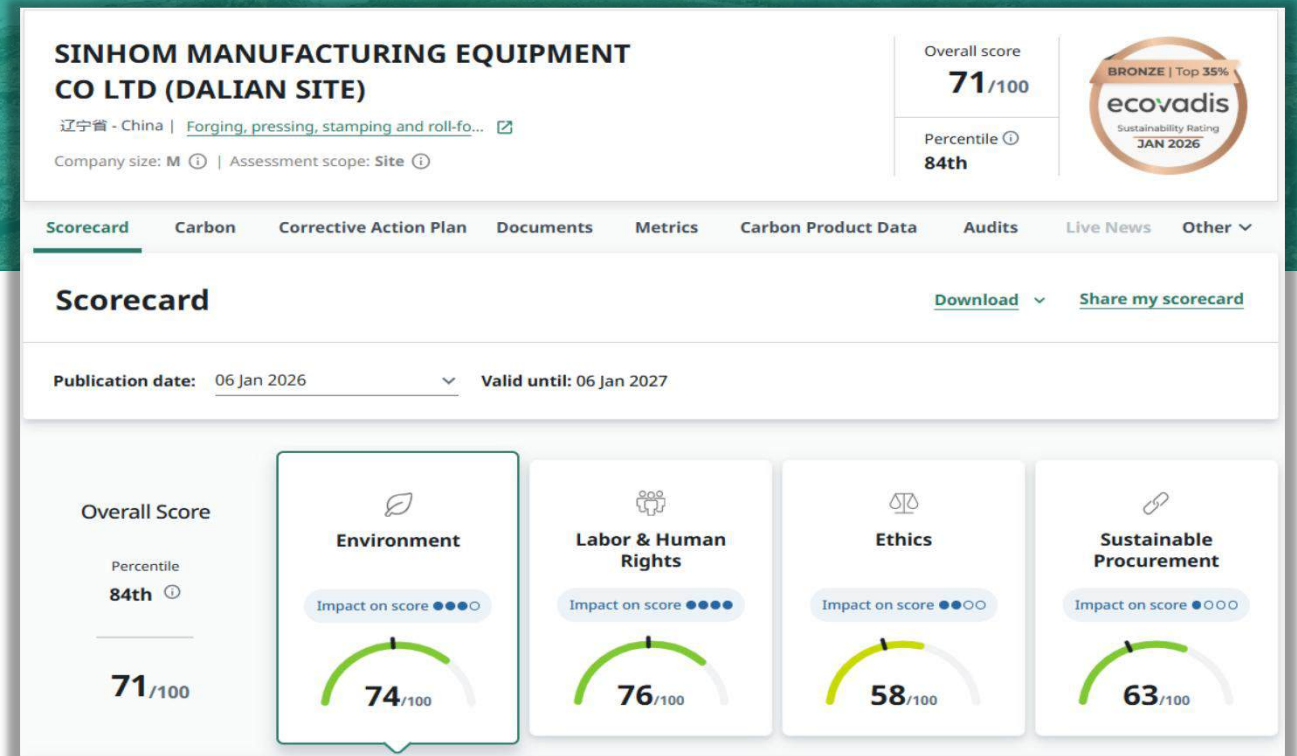


We envision a global marketplace where sustainability intelligence influences every business decision – improving economies, people's lives and the planet we all depend on.

SINHOM

The Ecovadis sustainability assessment methodology is at the heart of our Ratings and Scorecards and is an evaluation of how well a company has integrated the principles of Sustainability/CSR into their business and management system.

The Sustainability Scorecard illustrates performance across 21 indicators in four themes: *Environment, Labor & Human Rights, Ethics, Sustainable Procurement*.





01

Green House Gas



Statement CN25/00002058



Product Carbon Footprint Verification Statement

The Product Carbon Footprint study of
1 ton of carbon-manganese steel flange
which is conducted by

SINHOM Manufacturing Equipment Co., Ltd.

No. 2, Haisheng Street, Dalian Economic and Technology Area, Dalian City, Liaoning
Province, P.R. China

has been verified meeting the requirements of
ISO 14067:2018

The carbon footprint of 1 ton of carbon-manganese steel flange is
3.38 ton of CO₂ eq.

For the life cycle stages of product:
[Cradle to Gate]

Authorized by
David Xin
Sr. Director - Business Assurance
Date: 02 April 2025

SGS-CSTC Standards Technical Services Co., Ltd.
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This Statement is
objective, credible,
Statement.

02

Product
Carbon Footprint

Green House Gas

Dalian Facility

- **Direct Emission**
23,612 Tons of CO₂eq.
- **Indirect Emission**
129,206 Tons of CO₂eq.
- **Total Emission**
152,818 Tons of CO₂eq.

Tianjin Facility

- **Direct Emission**
6.693 Tons of CO₂eq.
- **Indirect Emission**
61.178 Tons of CO₂eq.
- **Total Emission**
67.871 Tons of CO₂eq.

Product Carbon Footprint

Dalian Facility

- **1 Ton of flange**
3.38 Tons of CO₂eq.
- **1 Ton of forged ring**
2.86 Tons of CO₂eq.

Tianjin Facility

- **1 Ton of flange**
2.387 Tons of CO₂eq.
- **1 Ton of forged ring**
2.91 Tons of CO₂eq.



01

7MW
Solar Panel



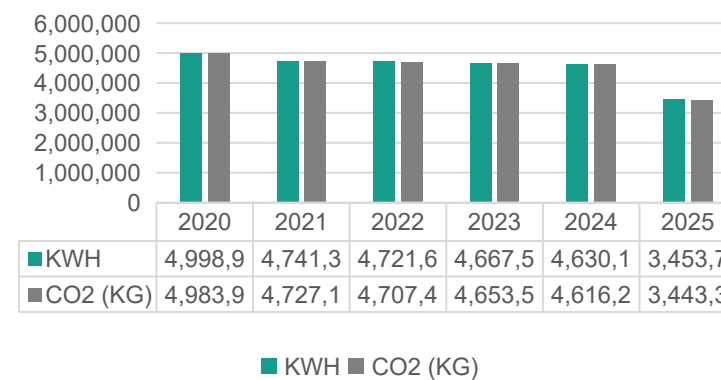
02

100%
Green Electricity

Green Energy

Eco-Friendly Facility

Carbon Emission



- From 2025 , the Dalian factory will use fully green electricity, with 100% of its electricity supply coming from wind and solar energy;
- The power company will issue a certificate of purchase of green electricity;

SINHOM



Carbon Reduction Measures

Equipment upgrade

- The gas furnace will be upgraded to improve combustion efficiency, and it is expected to save 5% gas and 45% electricity;
- Gas furnace upgraded to electric furnace;
- Invest 4-6 electric furnaces in the future;



Technical Improvement

- Optimize the forging process, estimate to save 3m³ of natural gas per ton of product;
- NNSR coverage exceed 80%;





SINHOM adheres to the core business philosophy of "Triple Win", serving the country, achieving success for the enterprise, and benefiting the small families of employees.

Public Welfare



Tourism



Women's Day



SINHOM CULTURE

Annual Gala



Family Day



Edu. Fund



SINHOM

The company culture SINHOM is to achieve long-term sustainable development among the country, the enterprise and the families of its employees through continuous humanistic care and value creation.



Thank You