



Chaojin Group

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Company introduction

Shanghai Chaojin Enterprise Management Group Co., Ltd.



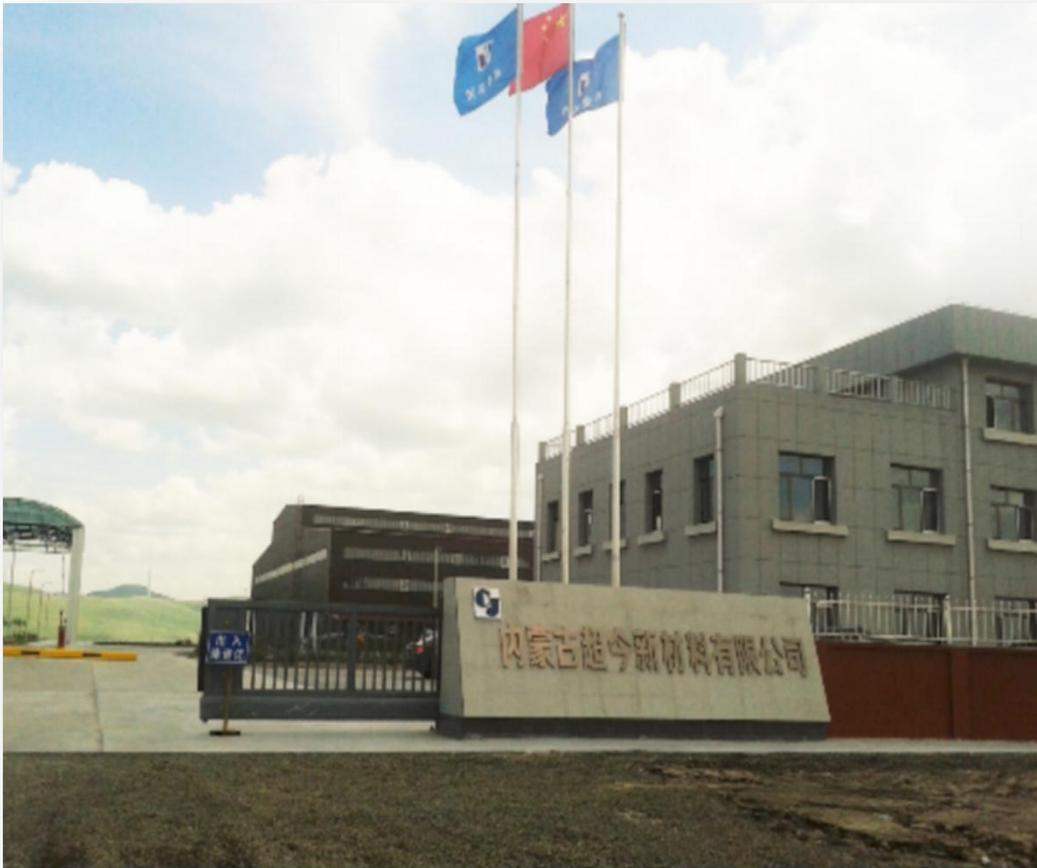
In 2003, Shanghai Chaojin International Trading Co., Ltd. was established; In 2013, Shanghai Chaojin Enterprise Management Group Co., Ltd. was established. Subsidiaries: Jiangsu Chaojin New Material Co., Ltd., Inner Mongolia Jintai New Materials Co., Ltd., Hohhot Chaojin New Material Co., Ltd., Inner Mongolia Chaojin New Material Co., Ltd., Inner Mongolia Jingci Technology Co., Ltd., Wuxi Chaojin Trading Co., Ltd., Shanghai Chaojin International Trading Co., Ltd. and Jiangsu Lanshanhu Ecology Grange Co., Ltd. The Company has been a group company integrating non-ferrous metal processing and trading and agricultural planting.

The Company is rich in deposits and experience in the fields of cast aluminum alloy and wrought aluminum alloy materials. The products of the Company are widely used in the fields of vehicle, new energy vehicle structural part, power system and communication electronics, etc. Wherein: The annual production and sales volume of A356 aluminum alloy is 500,000 tons, that of aluminum alloys of other series is more than 350,000 tons, with an output value of more than CNY 10 billion.

In recent years, the Company expanded the production of new-energy and green aluminum alloy materials to respond to current demands of low carbon and environmental protection.



Inner Mongolia Chaojin New Material Co., Ltd.



Inner Mongolia Chaojin New Material Co., Ltd. was established in Jan. 2014 in Zhahanao'er Industrial Park, Jarud Banner, Tongliao City. The Company covers an area of 200 mus (about 13.3 hectares), and the total investment of the project is CNY 600 million.

The Company is adjacent to Inner Mongolia Huomeihongjun Aluminum & Electricity Co., Ltd. and Inner Mongolia Jinlian Aluminum Material Limited Company, and it directly processes aluminum alloy materials by using the liquid aluminum resources of these two electrolytic aluminum companies, with a productivity of 220,000 tons/year. The main products include: Cast aluminum alloy materials (A356 alloy, ALsi10MnMg alloy and ALsi12 alloy, etc.) and wrought aluminum alloy of 6 series; And the Company can also produce aluminum guide bar, aluminum bus, square rod and large slab ingot, etc. in accordance with the demands of customers.



Jiangsu Chaojin New Material Co., Ltd.



Jiangsu Chaojin New Material Co., Ltd. was established in Jul. 2016 in Ehu Town, Xishan District, Wuxi City. The Company covers an area of 40 mus (about 2.67 hectares), and the total investment of the project is CNY 280 million.

The Company is capable of producing recycled cast aluminum alloy of 60,000 tons; The main products include: Recycled cast aluminum alloy material $ALSi_{12}Fe$, 102, 104, ADC12, $ALsi_{12}cu$, $ALsi_{9}cu_{3}$, A383 and A380, etc.



Inner Mongolia Jintai New Materials Co., Ltd.



Inner Mongolia Jintai New Materials Co., Ltd. was established on Nov. 25, 2019 in Zhahanao'er Industrial Park, Jarud Banner, Tongliao City, Inner Mongolia Autonomous Region. The Company covers an area of 90 mus (about 6 hectares), and the total investment of the project is CNY 500 million.

The Company is adjacent to Inner Mongolia Huomeihongjun Aluminum & Electricity Co., Ltd. and Inner Mongolia Jinlian Aluminum Material Limited Company, and it directly processes aluminum alloy materials by using the liquid aluminum resources of these two electrolytic aluminum companies, with a productivity of 200,000 tons/year. The main products include: Cast aluminum alloy materials (A356 alloy, ALsi10MnMg and ALsi12fe alloy, etc.) and wrought aluminum alloy materials of 6 series; And the Company can also produce aluminum guide bar, aluminum bus, square rod and large slab ingot, etc. in accordance with the demands of customers.



Hohhot Chaojin New Material Co., Ltd.



Inner Mongolia Chaojin New Material Co., Ltd., was established in Mar. 2023 in Tuoqing Industrial Park, Hohhot City. The Company covers an area of 70 mus (about 4.67 hectares), and the total investment of the project is CNY 700 million.

The Company is on the opposite of Datang Aluminum & Electricity Co., Ltd., and it directly processes wrought aluminum alloy materials of 1-7 series and other high-end cast aluminum alloys, with a productivity of 260,000 tons/year. The main products include: Mainly wrought aluminum alloy materials of 1-7 series; Also high-strength, high-thermal conductivity, thermal-treatment-free alloy and part low-carbon and recycled aluminum alloy materials.



Equipment investment - melting furnace

Shanghai Chaojin Enterprise Management Group Co., Ltd.





Equipment investment - melting furnace

Shanghai Chaojin Enterprise Management Group Co., Ltd.



Tilting furnace

Applicable for production of high-end aluminum alloy, having high automation, safe and reliable. Each burner is equipped with an independent and complete combustion controller with automatic ignition and flame detection, fully ensuring the stability and safety of the combustion temperature control system. The configured pure air cooling electromagnetic stirring device can realize continuous and uniform stirring of aluminum liquid and ensure the uniformity of chemical composition of aluminum liquid.



Homogenizing furnace

The residual stress in the aluminum bar is effectively eliminated, and segregation is reduced. Circulating fans are configured. Aluminum bars are transported three-dimensionally. With the use of PLC + touch screen control, remote maintenance and technical upgrade are allowed. Therefore, the plasticity of aluminum bar is improved, and extrusion force is reduced. Optional fuels: natural gas and liquefied gas. Cooling method: wind cooling and wind cooling + water mist.



Equipment - inspection

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Product introduction

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Square rod



Round rod



Rectangle ingot



Product structure

Shanghai Chaojin Enterprise Management Group Co., Ltd.

**Annual production
and sales volume
850,000 tons**

A356 series

**High
conductivity**

**High
thermal
conductivity**

**Free from
thermal
treatment**

**High
strength and
toughness**

**Wrought
aluminum
alloy
materials of
1-7 series**

- 500,000 tons/year
- 58.82%
- 40,000 tons/year
- 4.71%
- 30,000 tons/year
- 3.53%
- 70,000 tons/year
- 8.23%
- 60,000 tons/year
- 7.06%
- 150,000 tons/year
- 17.65%



Application fields

Shanghai Chaojin Enterprise Management Group Co., Ltd.



Aluminum alloy wheel hub



New energy vehicle, subframe



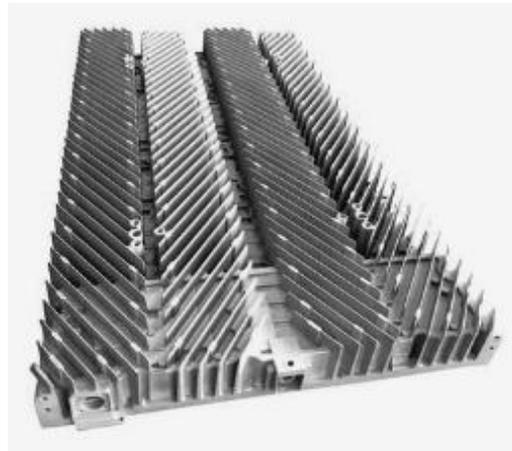
Booster shell



Components and parts for high-speed rail



Vehicle steering system



Filter shell



Construction aluminum template



Aluminum alloy heat exchanger



Market introduction

Shanghai Chaojin Enterprise Management Group Co., Ltd.



Over the years, Chaojin Group has been widely recognized by users and formed a long-term and high-quality customer cooperation group by virtue of its high-quality product quality, strong supply capacity and perfect service system.

Leading enterprises of the vehicle wheel hub industry: CITIC Dicastal Group, Zhejiang Wanfeng Group, HOMARK, Lioho Light Metal, Kunshan Shengwang, Dare Wheel, Zhejiang Yueling, Qinhuangdao Xinglong, Fujian Kalink and Xiamen MIN-SHING, etc.

Enterprises in the fields of vehicle parts, communications and aerospace, etc.: Wencan Group, Anhui Alumics Materials Institute, FRD, Runxingtai, Weifu High-Technology, Lihu Corporation and Rongtai Industry, etc.

20 years of trials and hardships

8 subsidiaries

More than CNY 10 billion of sales volume

20% Annual sales growth

Marketing network covering the whole country

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Research and development of products

Shanghai Chaojin Enterprise Management Group Co., Ltd.

Associated Lab



The Company established a team for the field of aluminum alloy material with Tsinghua University in 2021
Tsinghua Associated Lab and Chaojin Group R&D Technology Center

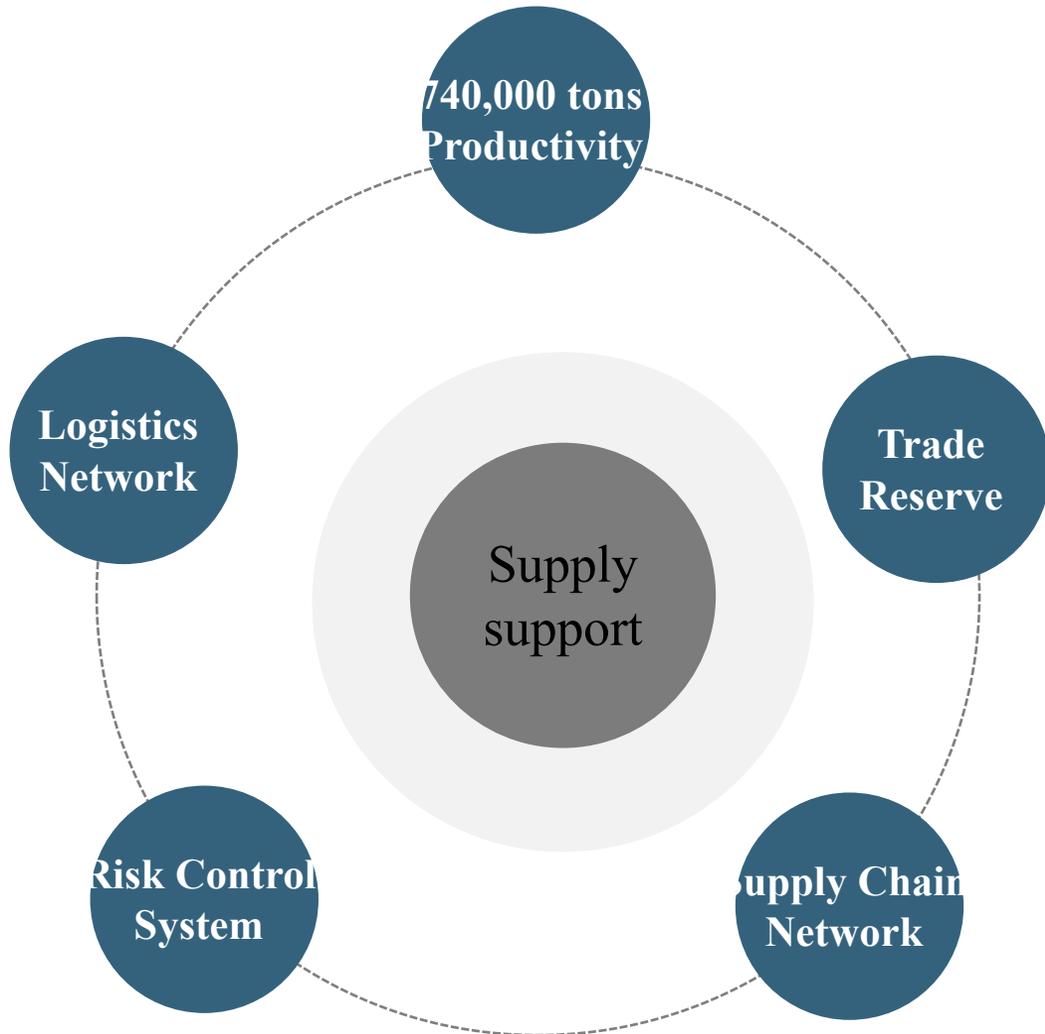
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The Company established Associated Lab with Dalian Jiaotong University



02

Dalian Jiaotong University Associated Lab



Supply Guarantee System

At present, the aluminum alloy material productivity of the Group is 740,000 tons/year, the trade reserve is 300,000 tons/year, and the maximum production and sales volume can be 1.04 million tons/year. The strong raw material supply, logistics network and complete and advanced risk control system ensure the long-term stable supply of strategic customers.



Futures team

In 2015, the Company hired professionals to set up the Group Risk Control Management Center and established an advanced and complete risk control system.

Improvement of risk control ability

Avoiding the huge risks brought by market fluctuations, and escorting the continuous development of the Group.

Provision of added value services

Providing multiple solutions for customers to risk control and deal with large and long-term purchase and sale orders.



Cooperative customers

Shanghai Chaojin Enterprise Management Group Co., Ltd.





Thank you for your watching

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