



Chuangrun New Materials Co., LTD;  
leading the field of innovative materials  
and ultra-high purity metal production.

# WHO WE ARE



Ningbo Chuangrun New Materials Co., Ltd., founded in 2012, is a national high-tech enterprise specializing in ultra-high-purity metals. Backed by an exceptional technical team, we operate from five major production bases across China. As one of only four companies worldwide capable of mass-producing 4N–7N purity titanium, in addition to ultra-high-purity nickel, niobium, copper, cobalt, tantalum, molybdenum, and related alloys, we support our clients' most advanced innovations.





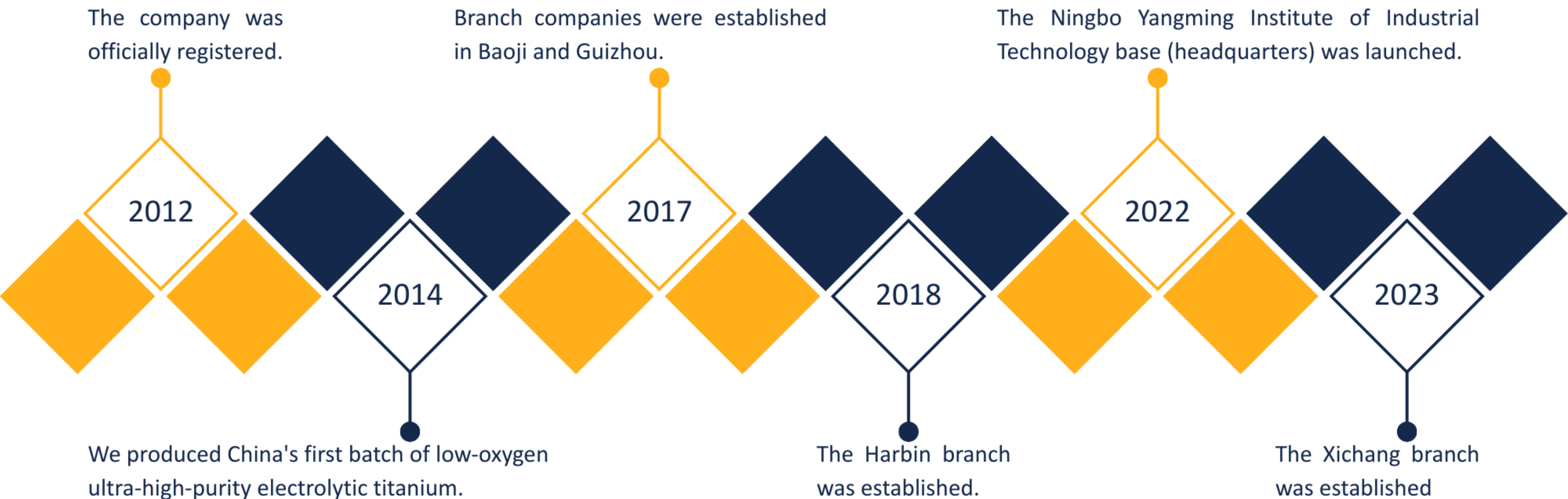
# OUR MISSION

We strive to be a leading innovative materials enterprise, specializing in the production of ultra-high purity metals and promoting their advanced applications.



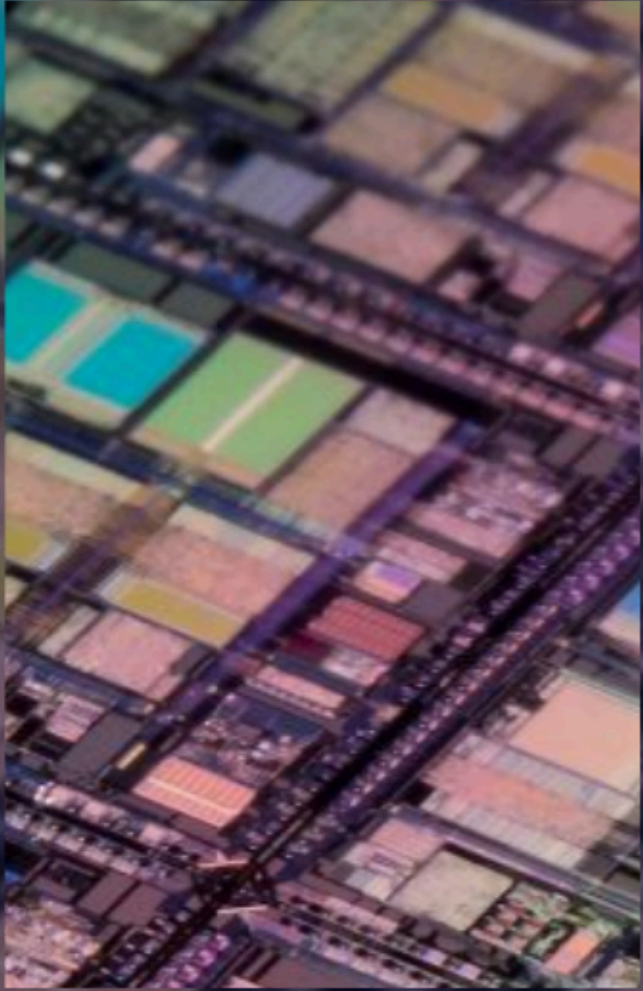


# COMPANY HISTORY





# APPLICATIONS



SEMICONDUCTORS



LCD, OLED



AEROSPACE, MARINE  
ENGINEERING



SUPER-  
CONDUCTOR





# APPLICATION



**HIGH TEMPERATURE  
ALLOY MATERIAL**  
k417 / GH213x / DD401



**AVIATION ALLOY**  
TC4 / TINI /  
TiNb / TB18



**MEDICAL  
TREATMENT**  
High Purity  
Titanium, TC4ELI



**SEMI-  
CONDUCTOR  
MATERIALS**  
99.9%-99.999%



**ZERO SUPERBLAST  
AEROSPACE  
EQUIPMENT**



**SPECIAL  
EQUIPMENT PARTS**



**HYDROGEN ENERGY**  
Titanium Bipolar Plate

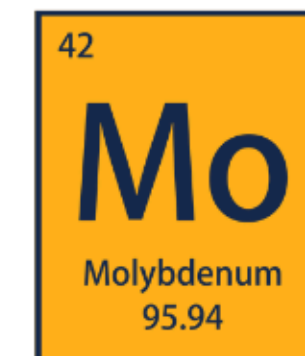
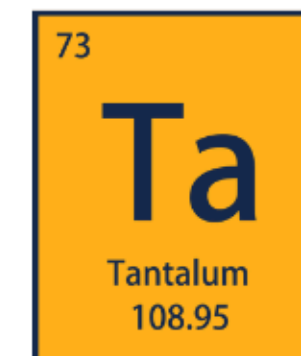
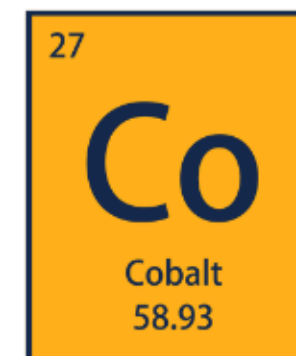
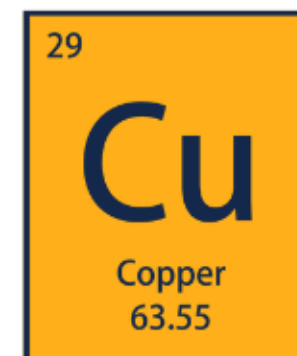
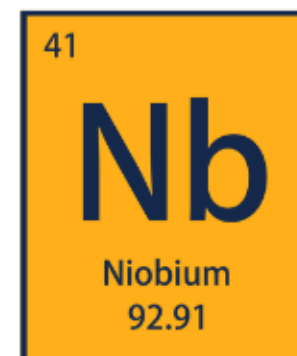
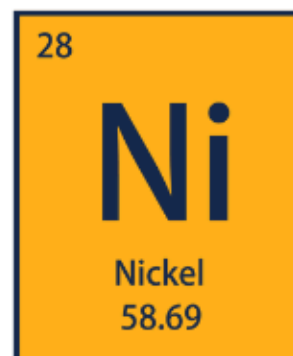
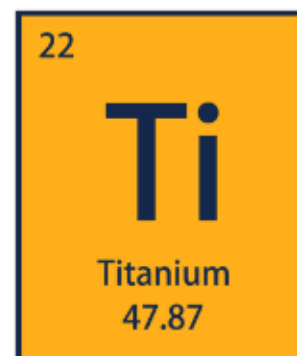


**GLASS  
COATING**



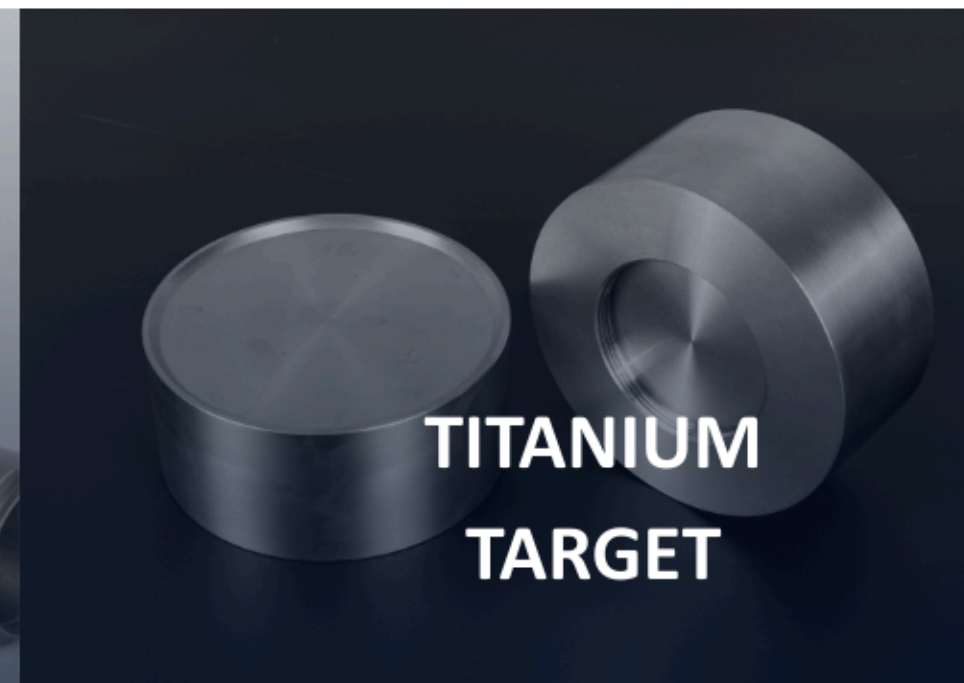
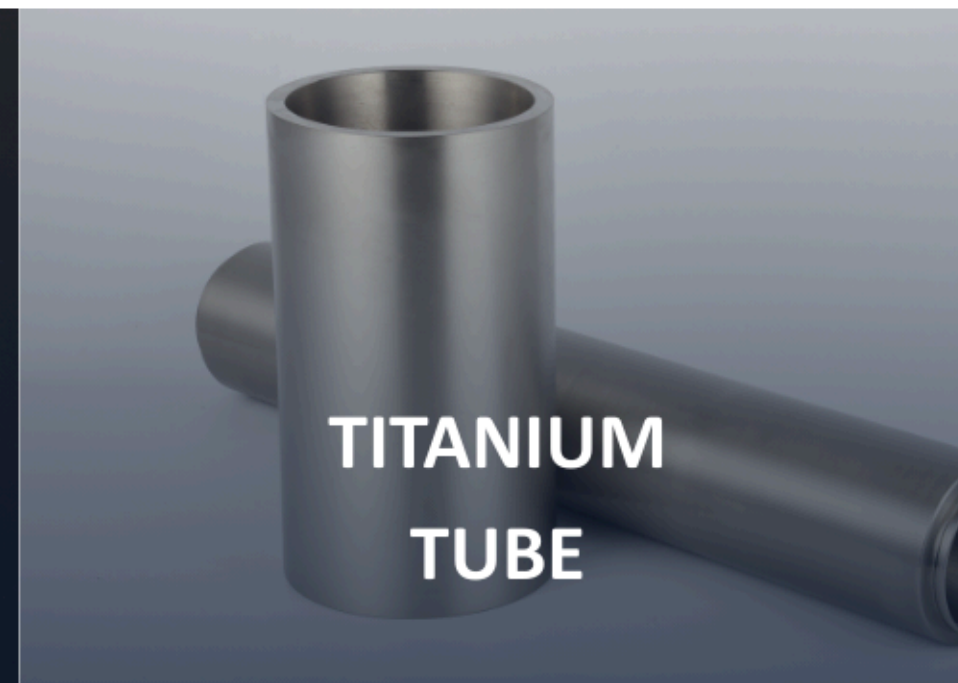
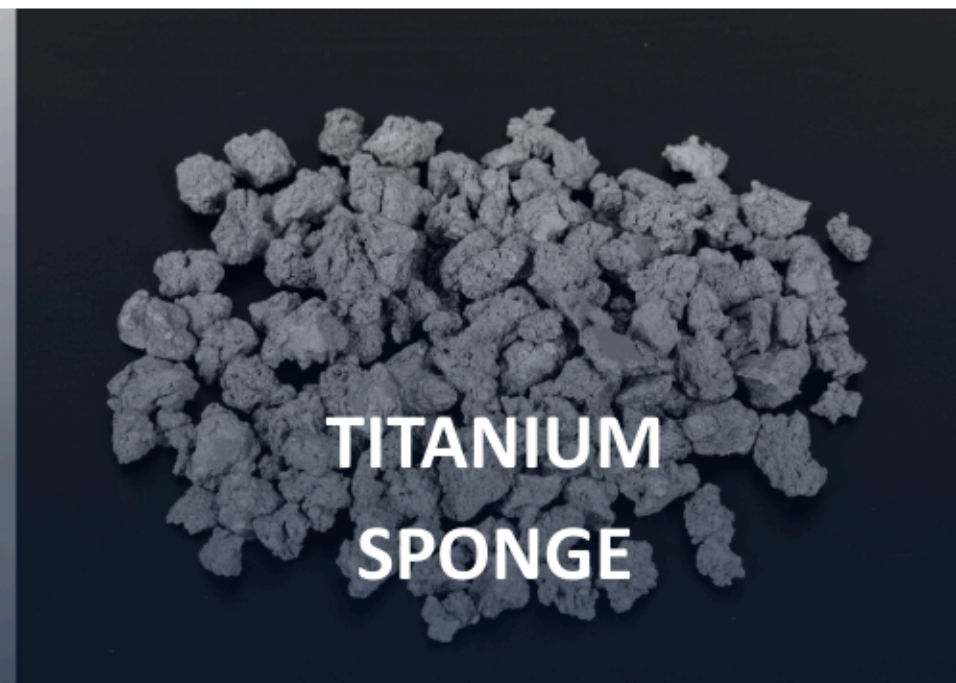
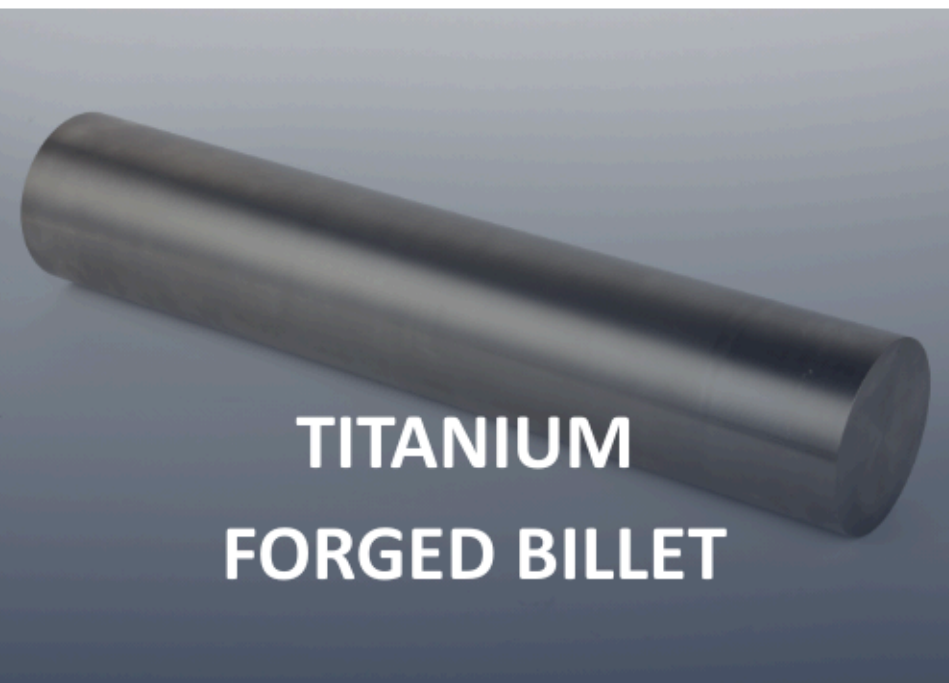


# MAIN PRODUCTS



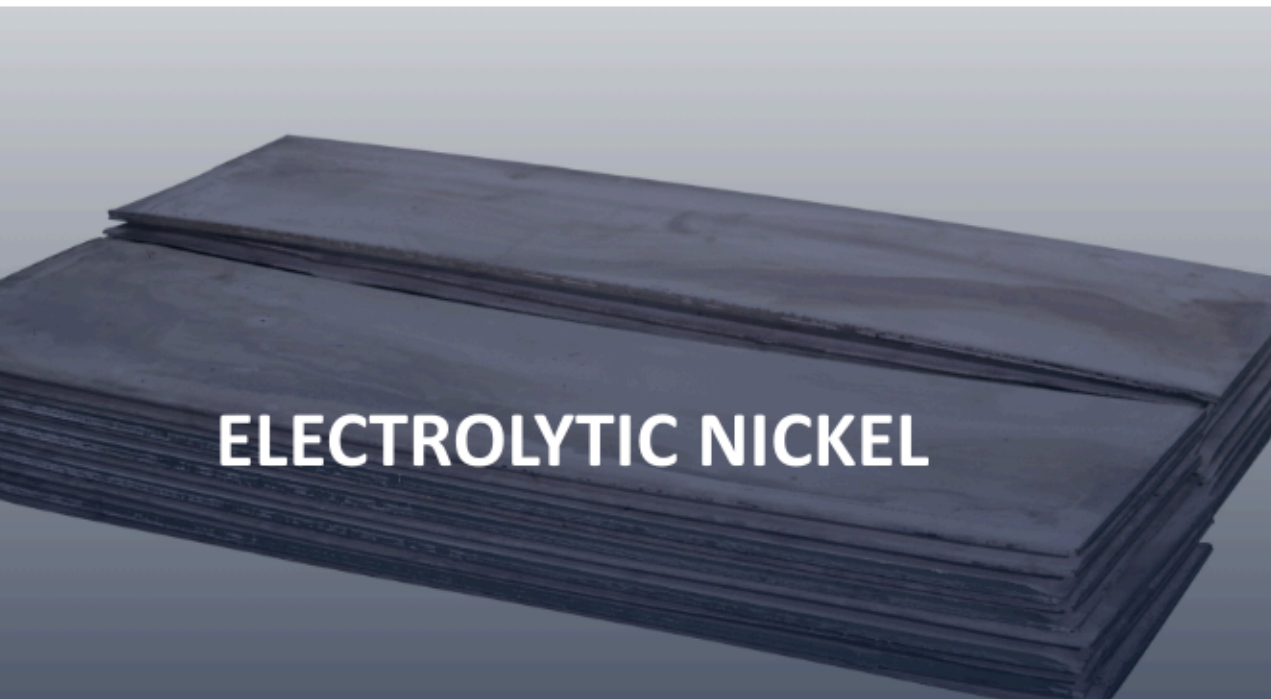


# MAIN PRODUCTS-TITANIUM





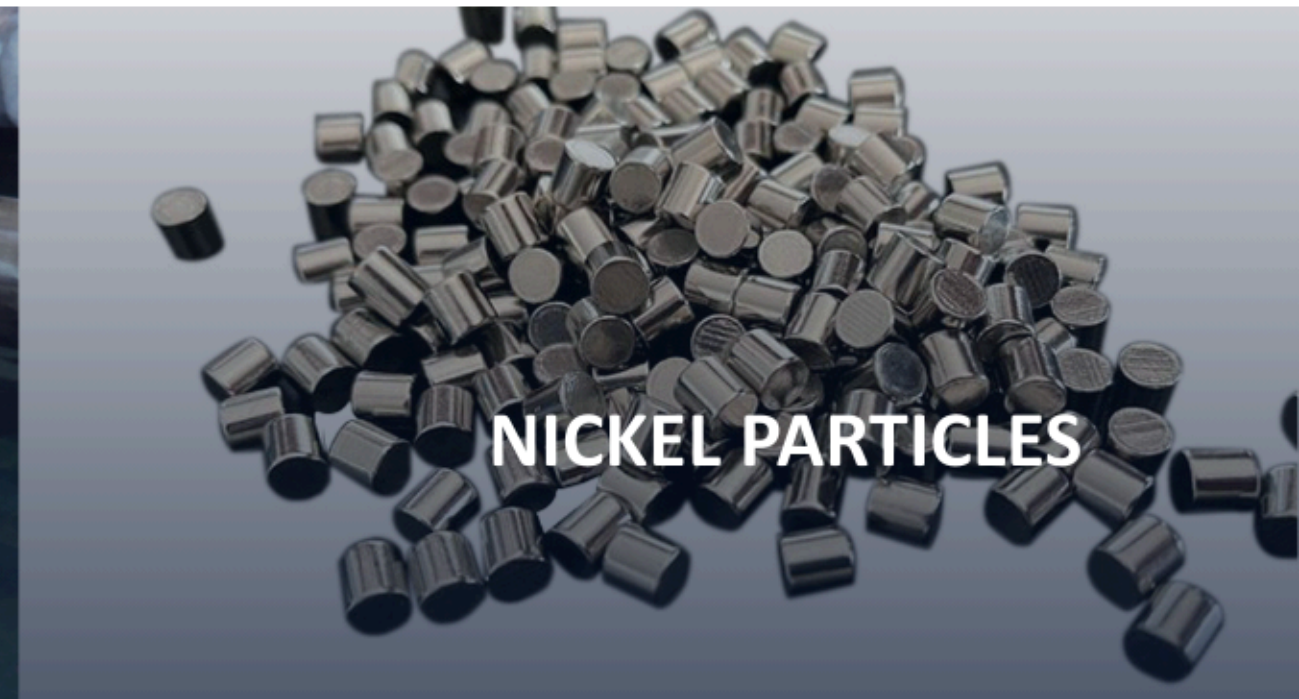
# MAIN PRODUCTS-NICKEL-COBALT



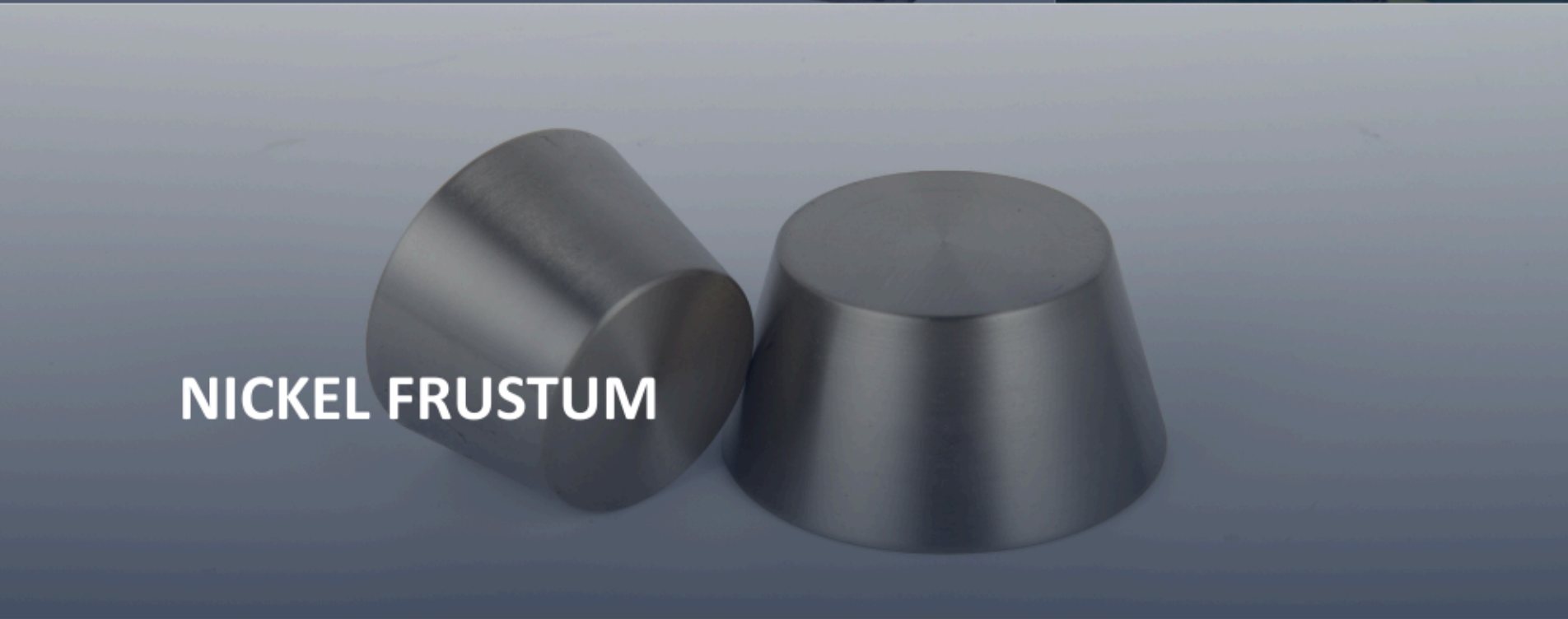
ELECTROLYTIC NICKEL



NICKEL INGOT



NICKEL PARTICLES



NICKEL FRUSTUM



COBALT INGOT





# MAIN PRODUCTS-COPPER



COPPER ROD



COPPER PLATE



COPPER ALLOY



COPPER TARGET



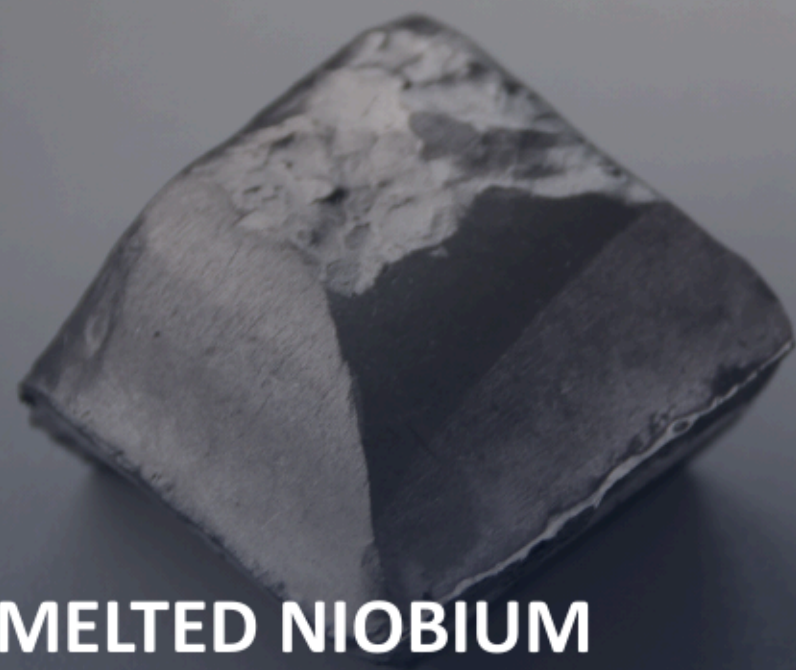
COPPER INGOT



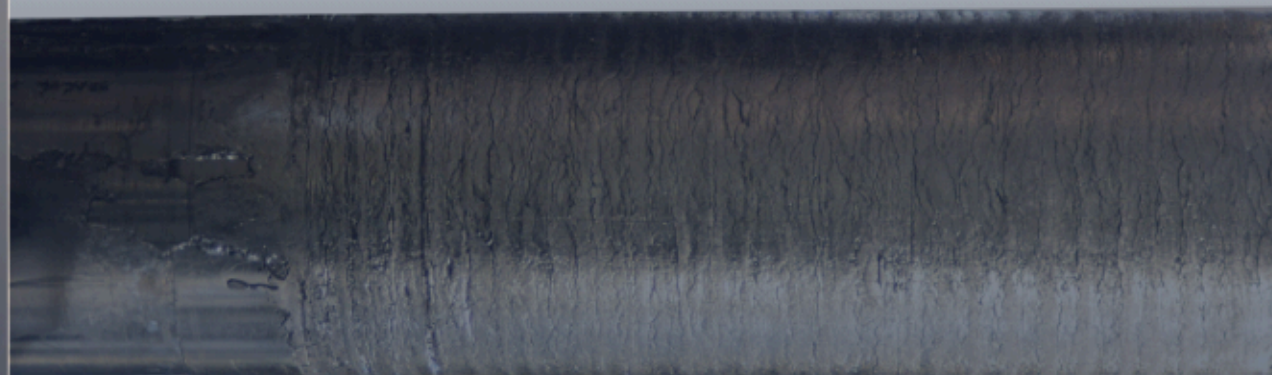


# MAIN PRODUCTS-

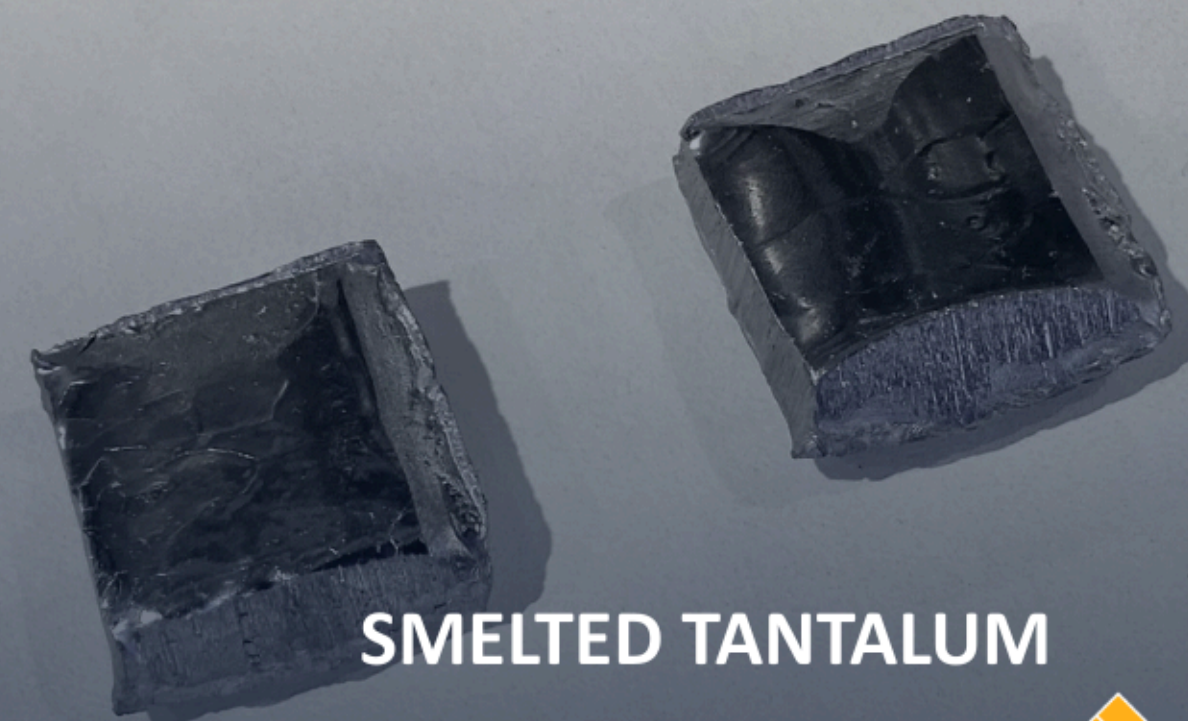
# NIOBIUM-TANTALUM



SMELTED NIOBIUM



NIOBIUM INGOT



SMELTED TANTALUM





# PRODUCTION



**HARBIN**

**BAOJI**

**NINGBO**

**GUIZHOU**

**XICHANG**





# PRODUCTION

20 Electrolytic furnaces  
5 EB furnaces

## Production Capacity:

Electrolytic Titanium Capacity: 220 tons/year

Titanium Ingot Capacity: 800 tons/year

Nickel Ingot Capacity: 200 tons/year

Copper Ingot Capacity: 1000 tons/year

**NINGBO**





# PRODUCTION

**HARBIN**

60 Electrolytic furnaces  
2 EB furnaces

Production Capacity:

Electrolytic Titanium Capacity: 720 tons/year

Titanium Ingot Capacity: 800 tons/year





# PRODUCTION

200 Electrolytic furnaces  
2 20-Ton EB furnaces  
2 Horizontal Furnaces  
1 Reduction Furnace

## Production Capacity:

Electrolytic Titanium Capacity: 2000 tons/year

Titanium Ingot Capacity: 5000 tons/year

**XICHANG**



# PRODUCTION

## Production Capacity

Sponge Titanium Capacity: 700 tons/year

GUIZHOU





# PRODUCTION

Sales

Outsourcing

**BAOJI**





# TESTING CENTER



5 GDMS

Glow Discharge Mass  
Spectrometry

1 ICP-OES

Inductively Coupled Plasma  
Optical Emission Spectrometry

3 LECO Analyzers





# SYSTEM CERTIFICATION



ISO 14001  
CERTIFICATION



ISO 9001  
CERTIFICATION



IATF 16949  
CERTIFICATION



GJB 9001  
CERTIFICATION



CNAS  
CERTIFICATION





# PATENTS & INTELLECTUAL PROPERTY RIGHTS

We have applied for a total of 101 patents, 48 of which have been granted. Chuangrun places great importance on the protection of independent intellectual property rights.





# PATENTS & INTELLECTUAL PROPERTY RIGHTS



GDGB/T 29490 CERTIFICATION

ISO 9001 CERTIFICATION

IATF 16949 CERTIFICATION

ISO 14001 CERTIFICATION

GJB 9001 CERTIFICATION

ISO 56005 CERTIFICATION





# OUR CLIENTS

 **Micron**

 **umicore**

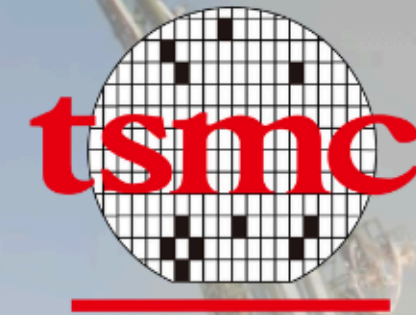
SEMICONDUCTORS

  
**KFMI**

  
**隆达**  
*Longua*

SUPERALLOY

 **SK innovation**

  
**tsmc**

**BOE**

  
**IMR**

POWDER





# OUR FUTURE



**Accelerate** the quality, scale, and cost advantages for ultra-high-purity titanium in advanced fields. Over the next three years, electrolytic titanium production capacity will reach 5,000 tons.

**Focus** on large-ingot melting and green processes for titanium alloys.

**Innovate** deep-processing techniques, developing short-process and low-cost processing methods tailored for specialized application markets.

**Strengthen** the application, development, and promotion of low-cost electrolytic processes in the field of metal preparation, focusing on low-cost electrolytic preparation processes for titanium, vanadium, and magnesium.





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**THANK YOU**







宁波创润新材料有限公司

NINGBO CHUANGRUN NEW MATERIALS CO., LTD