



XINYE TAIMING MANUFACTURING AND PROCESSING

TAIYUAN XINYE TAIMING MANUFACTURING AND PROCESSING CO.,LTD





XINYE TAIMING MANUFACTURING AND PROCESSING

Catalogue



Company Profile	03
Corporate Culture	04
Industry Applications	05
Product Service	06
Enterprise Strength	09
Cooperative Partner	10
We hope	11





XINYE TAIMING MANUFACTURING AND PROCESSING

About Us

Company Profile

Established in 2021, we specialize in high-quality pure iron processing and supply, serving diverse industries with precision, our 3,000+ sqm advanced facility, powered by 308 skilled professionals, delivers an annual output of 7,000 tons. Rigorous quality control ensures products meet stringent industry standards.

Driven by innovation and technical expertise, we prioritize continuous employee development to maintain cutting-edge solutions. From tailored processing to reliable after-sales support, our customer-centric approach fosters seamless collaboration.

Committed to excellence, we aim to build long-term partnerships through trust, superior quality, and shared success in the global pure iron market.



CORPORATE CULTURE

▲ Vision

To become a leader in pure iron and open a new chapter of digital transformation for global steel through innovation and excellent service.

▲ Mission

Committed to utilizing advanced pure iron processing technology to create high-quality choices for customers, provide growth platforms for employees, and bring positive impact to society.

▲ Values

◇ Innovate

Not only does it provide furnace charge pure iron, but it also offers electromagnetic pure iron and other processed parts to solve complex problems with innovative thinking.

◇ Integrity

Adhere to honesty and trustworthiness, maintain transparency and sincerity towards customers, partners, and colleagues.

INDUSTRY APPLICATIONS



Foundry Pure Iron

High purity furnace pure iron ingots are the pinnacle of iron metallurgy, offering unparalleled levels of purity and quality. Produced through meticulous processes in specialized furnaces, these ingots undergo rigorous refining to eliminate impurities, resulting in a material that is virtually free from contaminants. The high purity of these iron ingots makes them invaluable for applications requiring extreme precision and performance. They are often used in the electronics industry, where their purity ensures stable electrical properties and reduced signal interference. In addition, they find applications in magnetic materials, where their homogeneity and purity enable the creation of stronger, more efficient magnets.



Electromagnetic pure iron

Electrical pure iron, also known as electrolytic iron or high-purity iron, is a type of iron that has been refined to an extremely high level of purity, typically exceeding 99.9% iron content. The low impurity levels in electrical pure iron make it highly desirable for applications where high-purity materials are required, such as in electronics and electrical equipment. Electrical pure iron has excellent magnetic properties, including high permeability and low hysteresis losses, making it suitable for use in transformers, motors, and other electromagnetic devices.

PRODUCT SERVICE

▶ Foundry Pure Iron (≦Ingredient list)

C	Si	Mn	S	P	Al	Cr	Cu	Nb	Ni	Ti	O	N
0.002	0.002	0.02	0.003	0.003	0.007	0.008	0.009	0.0001	0.006	0.0002	0.004	0.003

C	Si	Mn	S	P	Al	Cr	Cu	Nb	Ni	Ti	O	N
0.003	0.004	0.07	0.005	0.01	0.005	0.013	0.01	0.0003	0.009	0.06	0.004	0.004

C	Si	Mn	S	P	Al	Cr	Cu	Nb	Ni	Ti
0.003	0.007	0.06	0.006	0.007	0.005	0.02	0.008	0.0008	0.013	0.0003

C	Si	Mn	S	P	Al	Cr	Cu	Nb	Ni	Ti	O	N
0.003	0.007	0.013	0.0009	0.003	0.007	0.006	0.008	0.0003	0.008	0.0005	0.005	0.005



PRODUCT SERVICE

▶ Electromagnetic pure iron (≦Ingredient list)

C	Si	Mn	S	P	Al	As	Bi	Pb	Sn	Te	O	N
0.0018	0.0001	0.00001	0.0004	0.0001	0.0001	0.00004	0.00001	0.00001	0.00001	0.00001	0.0016	0.002

C	Si	Mn	S	P	Al	Cr	Cu	Ni	Ti	CFB(A/M)
0.003	0.01	0.2	0.004	0.005	0.54	0.01	0.01	0.01	0.01	20.2/29.2

C	Si	Mn	S	P	Al	Cr	Cu	Ni	Ti	CFB(A/M)
0.002	0.01	0.19	0.004	0.009	0.1	5.0	0.01	0.01	0.01	8.2/8.5

C	Si	Mn	S	P	Al	Cr	Cu	Ni	Ti
0.004	0.01	0.14	0.005	0.011	0.26	0.02	0.02	0.01	0.01





Foundry Pure Iron

Basic raw materials for metallurgical industry

Pure iron is used as a high-purity substrate for smelting special steel, alloy steel, and precision casting.

Core materials for electronic components

Due to its high magnetic permeability, it is widely used in electronic devices such as electromagnetic components and transformer cores.

Key carriers for chemical catalysis

High purity iron serves as a catalyst carrier to enhance the efficiency and stability of chemical reactions.

Standard samples for scientific research experiments

Due to its single composition, it is commonly used for material performance testing and laboratory benchmark comparison.



Electromagnetic pure iron

Manufacturing of magnetic cores for power equipment

The high magnetic permeability characteristic makes it the preferred material for transformer and motor iron cores.

Application of Precision Electromagnetic Components

Used for relays, solenoid valves and other components to ensure fast response and low energy loss.

Magnetic shielding and sensor materials

Create a magnetic shielding cover or sensor core to suppress interference and enhance signal sensitivity.

Research and high-end instrument carrier

Provide a stable magnetic field environment for particle accelerators, nuclear magnetic resonance equipment, etc.

ENTERPRISE STRENGTH

Specification selection

The company has always regarded research and development as its core driving force, continuously investing a large amount of resources in technological innovation. Nowadays, it maintains a high output of pure iron billets, pure iron plates, pure iron rods, pure iron powder, pure iron flakes, etc.



Processing of electromagnetic pure iron parts

In order to meet the needs of customers for electromagnetic pure iron parts, we not only provide raw materials, but also from the customer's perspective, using the drawings provided by the customer, we process them into the electromagnetic parts they need.



Patentreserve

The company has a large number of independent intellectual property rights and patents, covering multiple technological fields. These patents not only protect our pure iron innovation achievements, but also provide strong market competition barriers for our products; Our patented technology has been widely recognized in the industry.



Cooperative partner





XINYE TAIMING MANUFACTURING AND PROCESSING

We hope

At Taiyuan Xinye Taiming Manufacturing and Processing Co., Ltd, we're not just suppliers—we're your partners in the pure iron industry. Here's what we promise:

Quality Assurance: Sourcing top - tier raw materials and rigorous quality control ensure our products meet global standards, offering consistent performance.

Custom Solutions: We tailor pure iron products to your specific needs, whether standard or specialized, working closely with you for the perfect fit.

Timely Delivery: With efficient production and a robust logistics network, we ensure on - time global deliveries to keep your operations seamless.

Dedicated Support: From inquiry to after - sales, our team provides prompt, professional assistance, ready to offer technical advice and ensure your satisfaction.

Lasting Partnerships: Built on trust and value, we aim to be your long - term choice for all pure iron requirements. We're eager to collaborate and drive your success.

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Website



Made in China