

COMPANY PROFILE

20 . 04 . 2024



History of expertise.
Reputation for excellence.

SINCE 1980.



History of expertise.
Reputation
for excellence.

A B2B procurement platform that connects buyers and suppliers with real, accurate, and up-to-date information.



Pause (Ctrl+P)

Why Choose Us?

Elevating industry benchmarks.
Unmatched excellence in
Customer care.

01 Mission

To provide the highest quality service to our clients, building long-term relationships based on trust and reliability. We believe in a realistic approach to business, focused on cost savings and flexibility to meet the changing needs of our clients. With over 30 years of experience in the industry, Boss Metal Company is the partner you can trust for all your aluminum needs.

02 Vision

At Boss Metal Company, our vision is to be a leading provider of high-quality aluminum products and services in the industry. We aim to continuously innovate and excel in the production of aluminum disks, billets, ingots, molten metal chemical treatment, and aluminum alloys. With our extensive experience and commitment to excellence, we strive to be the preferred

03 Integrity

Our culture of integrity is seamlessly integrated with our tradition of promoting innovation and excellence within the aluminum foundry industry. We stand firm, united, and consistent in our approach to treating our partners, suppliers, and colleagues with the highest level of respect and professionalism.

04 Tenacity

We are unwavering in our commitment to excellence and singularly focused on advancing the forefront of the aluminum foundry industry. With our expertise and resources, we are equipped to act swiftly and decisively, possessing the agility to navigate the evolving demands of the market, and the tenacity to tirelessly pursue our goals until they are achieved.

Our Partners



40+ Years Of Experience

Boss Metal stands as a leading entity in the industry. With a legacy over 60 years, the company has built an exceptional and award-winning reputation, setting standards with its innovative solutions.

Sustainability

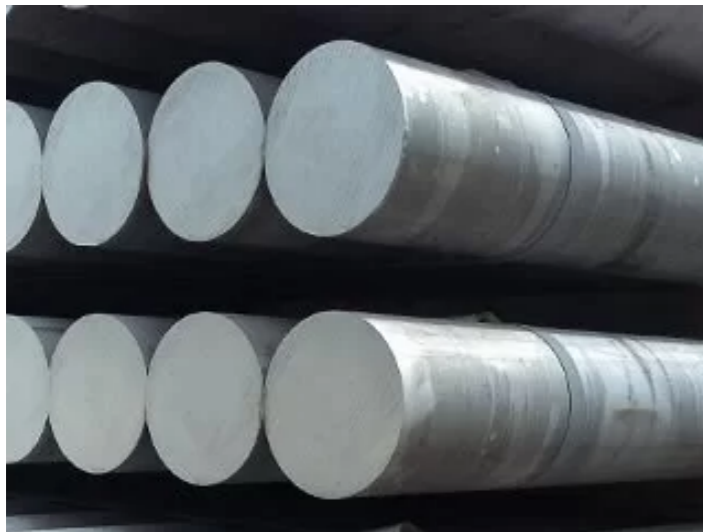
Boss Metal is a beacon of sustainability within the industry. With a heritage stretching over six decades, the company has cultivated an exceptional reputation for pioneering eco-friendly practices. Our commitment to environmental stewardship and innovative sustainable solutions sets us apart, as we continuously strive to not just meet but exceed global standards for sustainability.



Our products

Boss Metal stands as a vanguard in the aluminum sector, offering a rich source of current, pertinent news and insights. Dive into our wealth of resources across various categories: industry updates, research findings, educational webinars, engaging podcasts, and contact details for media inquiries.

Aluminum Raw Materials



- Master Alloys
- Aluminum Ingot
- Aluminum Disc
- Aluminum Billet

Aluminum Processing Equipment



- Crucibles
- Aluminum Industry Furnace

Aluminum Profiles



- Standard Profiles Non-Ferrous Metals
- Doors & Windows
- Building Profiles
- Heat Sink
- Electrical

Aluminum Processing Aids



- Non-Ferrous Metals
- Non-Ferrous Metals Treatment
- Grain Refiners
- Aluminum Ceramic Foam Filter

Our products

Master Alloys



Aluminum master alloys are specialized alloys used in the production of aluminum and its alloys to precisely control alloying elements' composition and distribution. These master alloys play a crucial role in achieving desired mechanical, thermal, and chemical properties in the final aluminum product. They are meticulously engineered blends of high-purity aluminum and alloying elements such as magnesium, silicon, manganese, copper, and others.

Aluminum Ingot



Aluminum ingots are solid blocks of aluminum metal typically produced through the process of smelting and casting. These ingots serve as primary raw materials for various industries, including automotive, aerospace, construction, and packaging. Aluminum ingots are valued for their lightweight properties, corrosion resistance, and excellent conductivity, making them essential for manufacturing a wide range of products.

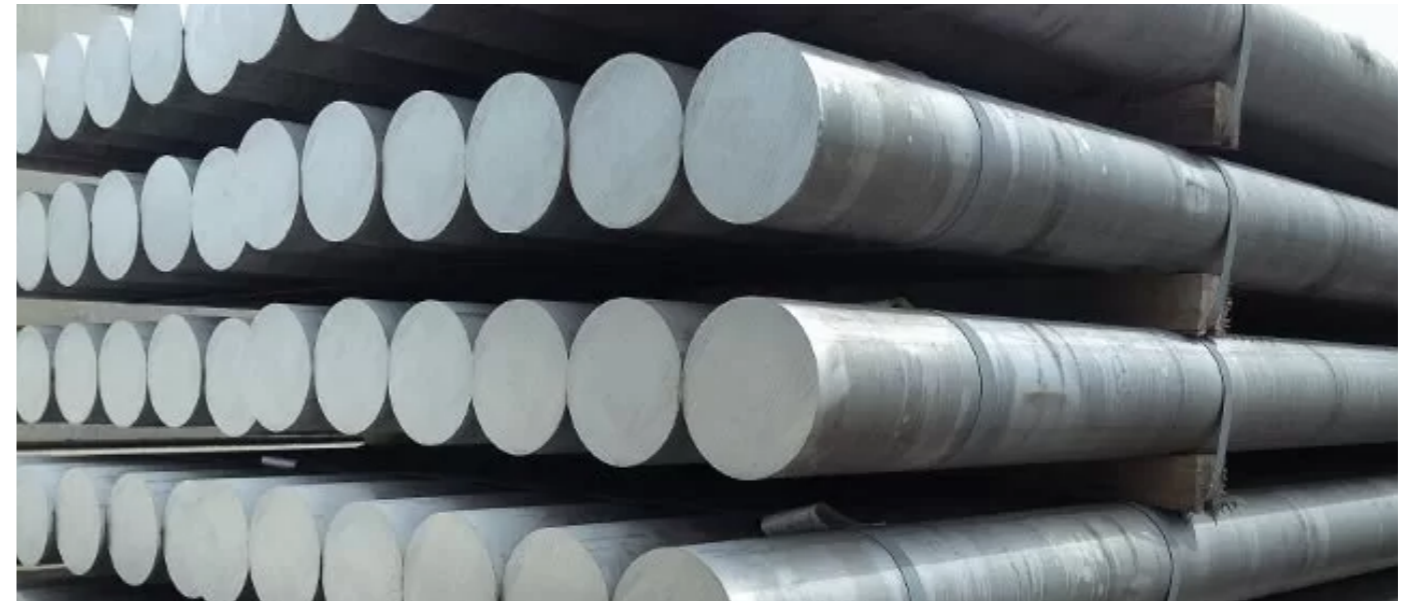
Our products

Aluminum Disc



Aluminum discs are circular-shaped metal blanks commonly used in various industries for a wide range of applications. These discs are typically produced through a process of cutting or stamping aluminum sheets or billets to achieve the desired diameter and thickness. Aluminum discs offer exceptional versatility, lightweight properties, and excellent corrosion resistance, making them suitable for use in cookware, automotive components, signage, electronics, and more.

Aluminum Billet



Aluminum billets are semi-finished products used in various industries, particularly in the manufacturing of extruded aluminum products. These billets are typically cylindrical in shape and are produced through a process of casting or extrusion. Aluminum billets offer excellent properties such as lightweight, corrosion resistance, and high strength-to-weight ratio, making them ideal for applications in aerospace, automotive, construction, and many other industries.

Our products

Crucibles



Aluminum crucibles are specialized containers used in the aluminum industry for melting, alloying, and refining processes. These crucibles are crafted from high-quality materials capable of withstanding extreme temperatures and harsh chemical environments. They play a crucial role in maintaining the purity and quality of molten aluminum during various stages of production, ensuring optimal performance and product integrity.

Aluminum Industry Furnace



Aluminum industry furnaces are specialized heating systems designed for the processing and fabrication of aluminum and its alloys. These furnaces play a crucial role in the aluminum production process, providing controlled heating environments for melting, casting, annealing, and other thermal treatments. They are utilized in various sectors of the aluminum industry, including smelting plants, foundries, extrusion facilities, and recycling centers.

Our products

Standard Profiles



Non-ferrous standard profiles are versatile building components used in a wide range of industries for structural, architectural, and decorative applications. Crafted from high-quality non-ferrous metals such as aluminum, copper, and their alloys, these profiles offer a combination of strength, durability, and aesthetic appeal, making them indispensable in modern construction and manufacturing.

Doors & Windows



Non-ferrous doors and windows offer a blend of functionality, durability, and aesthetic appeal for residential, commercial, and industrial buildings. Crafted from high-quality non-ferrous metals such as aluminum and its alloys, these doors and windows provide superior performance in terms of strength, corrosion resistance, thermal insulation, and design versatility.

Our products

Building Profiles



Non-ferrous building profiles are essential components used in the construction industry for creating structural frameworks, architectural features, and decorative elements in buildings and infrastructure. These profiles are typically made from non-ferrous metals such as aluminum, copper, and their alloys, due to their excellent corrosion resistance, lightweight properties, and versatility in fabrication.

Heat Sink



Non-ferrous heat sinks are essential thermal management components used in electronic devices and systems to dissipate heat generated by electronic components, ensuring optimal performance and reliability. Crafted from high-conductivity non-ferrous metals such as aluminum and copper, these heat sinks offer efficient heat transfer, lightweight construction, and corrosion resistance, making them ideal for a wide range of electronic applications.

Our products

Electrical



Non-ferrous electrical components are critical elements used in various electrical systems and applications due to their superior conductivity, corrosion resistance, and lightweight properties. Crafted from high-quality non-ferrous metals such as copper, aluminum, and their alloys, these components play a vital role in electrical distribution, transmission, and generation systems across industries.

Our products

Non-Ferrous Metals



Non-ferrous metals are a diverse group of metallic elements and alloys that do not contain iron as the primary component. These metals exhibit a wide range of properties, including high conductivity, corrosion resistance, lightweight, and malleability, making them valuable materials in various industries. Common non-ferrous metals include aluminum, copper, zinc, lead, nickel, tin, and precious metals like gold, silver, and platinum.

Non-Ferrous Metals Treatment



Non-ferrous metals treatment solutions encompass a variety of processes and treatments designed to enhance the properties and performance of non-ferrous metals and alloys. These treatments are essential for improving the mechanical strength, corrosion resistance, surface finish, and other critical characteristics of non-ferrous metals, ensuring they meet the demanding requirements of various industries.

Our products

Grain Refiners



Aluminum grain refiners are additives used in the aluminum casting and extrusion processes to improve the microstructure and mechanical properties of aluminum alloys. These grain refiners consist of carefully selected materials that promote the formation of fine, equiaxed grains during solidification, leading to enhanced strength, ductility, and surface finish in the final product.

Aluminum Ceramic Foam Filter



Our Silicon Carbide Ceramic Foam Filter employs German-imported polyurethane foam sponge as a carrier, infused with silicon carbide. This innovative process involves embedding the foam sponge with a slurry of silicon carbide, which forms a robust ceramic structure after drying and high-temperature baking. The decomposition of polyurethane leaves behind a highly efficient filtering medium.

THANK YOU

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