

# Global High Alloy Powder Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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# **Abstracts**

According to our (Global Info Research) latest study, the global High Alloy Powder market size was valued at USD 1315 million in 2023 and is forecast to a readjusted size of USD 2124.2 million by 2030 with a CAGR of 7.1% during review period.

High-alloy powder adopts high-pressure water atomization process, including iron-based, nickel-based, cobalt-based and other alloy materials, which has the advantages of wear resistance and corrosion resistance, powder particle size distribution can be adjusted, chemical composition control is stable, and meets customer cutting processing requirements. The products are mainly used in the manufacture of powder metallurgy parts such as automobile and motorcycle valve guides and valve seat rings.

Key players of High Alloy Powder include H?gan?sAB, Sandvik, Hanrui Cobalt, and ATI Metals. The top five players hold a share over 35%. North America dominating the global high alloy powder market, has a share nearly 35%, followed by Europe and China. In terms of type, nickel alloy powder hold a share over 50%. Regarding the segment by application, additive manufacturing occupied for 50%.

The Global Info Research report includes an overview of the development of the High Alloy Powder industry chain, the market status of Additive Manufacturing (Nickel Alloy Powder, Cobalt Alloy Powder), Metal Injection Molding (MIM) (Nickel Alloy Powder, Cobalt Alloy Powder), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of High Alloy Powder.

Regionally, the report analyzes the High Alloy Powder markets in key regions. North



America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global High Alloy Powder market, with robust domestic demand, supportive policies, and a strong manufacturing base.

# Key Features:

The report presents comprehensive understanding of the High Alloy Powder market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the High Alloy Powder industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Tons), revenue generated, and market share of different by Type (e.g., Nickel Alloy Powder, Cobalt Alloy Powder).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the High Alloy Powder market.

Regional Analysis: The report involves examining the High Alloy Powder market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the High Alloy Powder market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to High Alloy Powder:

Company Analysis: Report covers individual High Alloy Powder manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.



Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards High Alloy Powder This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Additive Manufacturing, Metal Injection Molding (MIM)).

Technology Analysis: Report covers specific technologies relevant to High Alloy Powder. It assesses the current state, advancements, and potential future developments in High Alloy Powder areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the High Alloy Powder market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

High Alloy Powder market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Nickel Alloy Powder

Cobalt Alloy Powder

Alminium Alloy Powder

Others

Market segment by Application

Additive Manufacturing

Metal Injection Molding (MIM)



Thermal Spray		
Major players covered		
H?gan?sAB		
Sandvik		
Hanrui Cobalt		
ATI Metals		
Hoeganaes		
AMETEK		
Daido Steel		
VDM Metal		
Praxair Surface Technologies		
Rio Tinto		
Sanyo Steel		
AP&C		
Powder Alloy Corporation		
CNPC POWDER		
Peshing New Metal		
TEKNA		

Kennametal



Carpenter

Advanced Tech & Material

Luoyang Tongrun Nano Technology

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe High Alloy Powder product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of High Alloy Powder, with price, sales, revenue and global market share of High Alloy Powder from 2019 to 2024.

Chapter 3, the High Alloy Powder competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the High Alloy Powder breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.



Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023.and High Alloy Powder market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of High Alloy Powder.

Chapter 14 and 15, to describe High Alloy Powder sales channel, distributors, customers, research findings and conclusion.



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