

# Global Iron Casting Market 2023

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## Abstracts

Iron casting has been used for centuries and is still widely employed today in various industries, including automotive, construction, and machinery manufacturing. Iron casting allows for the production of complex and large components that may be difficult or costly to produce using other methods. The resulting cast iron parts can exhibit high strength, wear resistance, and thermal conductivity, making them suitable for a wide range of applications. The process of iron casting involves melting the iron, pouring it into a mold, allowing it to cool and solidify, and then removing the finished casting from the mold for further processing or use.

According to the latest data, the market size of the global iron casting sector is expected to rise by USD 41.7 billion with a CAGR of 5.2% by the end of 2029.

This comprehensive industry report provides market estimates and forecasts, accompanied by a detailed examination of the product, application, and region aspects. It delivers a quantitative analysis of the market, empowering stakeholders to leverage existing market opportunities. Furthermore, the report identifies key segments for potential opportunities and strategies, drawing insights from market trends and the approaches of leading competitors.

The global baby bottle market has been extensively analyzed by categorizing it according to various sub-segments in order to provide accurate forecasts of industry size and assess trends within specific areas.

The global market for iron casting can be segmented by product: gray cast iron, ductile iron, malleable iron. The gray cast iron segment is estimated to account for the largest share of the global iron casting market.

Iron casting market is further segmented by application: automotive, pipe and fittings,

power generation, tools and machinery, transportation, others. The automotive segment held the largest revenue share in 2022.

Based on region, the iron casting market is segmented into: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America. Globally, Asia-Pacific made up the largest share of the iron casting market.

The report has also analyzed the competitive landscape of the global iron casting market with some of the key players being ArcelorMittal S.A., China Baowu Steel Group Corp., Ltd., CITIC Limited, Georg Fischer Ltd., Gerdau S.A., Grupo Industrial Saltillo, S.A.B. de C.V., Hitachi Metals, Ltd., JFE Holdings, Inc., Kobe Steel, Ltd., Nucor Corporation, OSCO Industries, Inc., POSCO Holdings Inc., Schuler AG, Tata Steel Limited, ThyssenKrupp AG, Voestalpine AG, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

### Why Choose This Report

Gain a reliable outlook of the global iron casting market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

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Market Segments Covered in Global Iron Casting Industry Analysis:

#### i.) Product

Gray cast iron

Ductile iron

Malleable iron

ii.) Application

Automotive

Pipe and fittings

Power generation

Tools and machinery

Transportation

Others

iii.) Region

North America

Europe

Asia-Pacific

MEA (Middle East and Africa)

Latin America

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