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Global Automotive Micro Motor Iron Core Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Automotive Micro Motor Iron Core market size was valued at US$ 1093 million in 2024 and is forecast to a readjusted size of USD 1786 million by 2031 with a CAGR of 7.4% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

The iron core of automotive micro special motors is the main component used to support and fix the motor coils in micro special motors. In micro motors, the iron core mainly plays a role in building magnetic circuits, supporting coils, and transmitting electromagnetic forces. When current passes through the coils of an electric motor, the generated magnetic field generates magnetic flux in the iron core, thereby achieving the conversion of electrical energy into mechanical energy. With the widespread application of electronic technology (such as information systems, navigation systems, car audio systems, TV entertainment systems, in car communication systems, internet systems, etc.) in automobiles, the application of micro motors in automobiles will also become more extensive, and their number of applications will increase accordingly. Although the automotive industry has experienced years of rapid development and has faced a slowdown in sales growth in the past two years, considering the upgrading of automotive configurations and the gradual rise of new energy vehicles, the growth rate of the number of micro special motors used in the automotive industry will be better than that of the entire vehicle market. In addition, with the gradual rise of the automotive aftermarket in the future, the demand for updating micro special motors in the maintenance market will also increase. At the same time, the development of emerging

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fields has brought new growth points for the growth of micro motors.

This report is a detailed and comprehensive analysis for global Automotive Micro Motor Iron Core market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Automotive Micro Motor Iron Core market size and forecasts, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2020-2031

Global Automotive Micro Motor Iron Core market size and forecasts by region and country, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2020-2031

Global Automotive Micro Motor Iron Core market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2020-2031

Global Automotive Micro Motor Iron Core market shares of main players, shipments in revenue ($ Million), sales quantity (K Units), and ASP (US$/Unit), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Automotive Micro Motor Iron Core

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Automotive Micro Motor Iron Core market

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based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Mitsui High-tec, R. Bourgeois, POSCO, JFE Shoji, EUROTRANCIATURA, Tempel Steel, Yutaka Giken, Toyota Boshoku Corporation, Jiangyin Huaxin Electric Corporation, Xinzhi Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Automotive Micro Motor Iron Core market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Solid Iron Core

Hollow Iron Core

Market segment by Application

Blade Electric Vehicles

Plug in Hybrid Electric Vehicle

Hybrid Electric Vehicle

Fuel Cell Vehicles

Major players covered

Mitsui High-tec

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R. Bourgeois

POSCO

JFE Shoji

EUROTRANCIATURA

Tempel Steel

Yutaka Giken

Toyota Boshoku Corporation

Jiangyin Huaxin Electric Corporation

Xinzhi Technology

Suzhou Fine-Stamping Machinery & Technology

Constar Micromotor

Ningbo Hongda Motor Die

Nantong Tongda Silicon Steel Technology

Yongrong Power

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)

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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 Automotive Micro Motor Iron Core product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Automotive Micro Motor Iron Core, with price, sales quantity, revenue, and global market share of Automotive Micro Motor Iron Core from 2020 to 2025.

Chapter 3, the Automotive Micro Motor Iron Core competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Automotive Micro Motor Iron Core breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025.and Automotive Micro Motor Iron Core market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Automotive Micro Motor Iron Core.

Chapter 14 and 15, to describe Automotive Micro Motor Iron Core sales channel, distributors, customers, research findings and conclusion.

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