

# Global Aluminum Matrix Composites for Automotive Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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## Abstracts

According to our (Global Info Research) latest study, the global Aluminum Matrix Composites for Automotive market size was valued at USD 206.8 million in 2022 and is forecast to a readjusted size of USD 323.6 million by 2029 with a CAGR of 6.6% during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

With the electrification trend in the automotive industry, manufacturers are looking for ways to optimize the efficiency of electric motors. Using aluminum matrix composites can be effectively optimized for strength-to-weight ratio as well as sturdiness-to-weight ratio. This field has always been one of the most important civilian fields of aluminum matrix composites. Aluminum Matrix Composites are mainly used for automobile pistons, suspension arms, connecting rods, automobile engine cylinder blocks/cylinder heads, etc. Aluminum Matrix Composites account for nearly 16% of the automotive market. We expect that in the future, with the trend of lightweight new energy vehicles and environmental protection of materials, the application of Aluminum Matrix Composites will provide a broader market space. At that time, the automotive market will account for The ratio will exceed 19%.

At present, new energy vehicles are mainly driven by electricity, and the weight of the battery is about 250 kilograms. Lightweight vehicles and environmental protection are the main development directions of new energy vehicles. In the field of new energy vehicles, aluminum matrix composites are mainly used in automobile brake discs, engine parts, etc.

This report is a detailed and comprehensive analysis for global Aluminum Matrix

Composites for Automotive 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 2023, are provided.

#### Key Features:

Global Aluminum Matrix Composites for Automotive market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Aluminum Matrix Composites for Automotive market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Aluminum Matrix Composites for Automotive market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Aluminum Matrix Composites for Automotive market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2018-2023

#### 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 Aluminum Matrix Composites for Automotive

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 Aluminum Matrix Composites for Automotive market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Alvant, Triton

Systems, CPS Technologies, Grimm Metal and Anhui Xiangbang, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

## Market Segmentation

Aluminum Matrix Composites for Automotive market is split by Type and by Application. For the period 2018-2029, 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

Particle Reinforced

Fiber Reinforced

### Market segment by Application

Automotive Brake Disc

Automotive Piston

Automotive Connecting Rod

Engine Block/Cylinder Head

Automotive Suspension Arm

Others

### Major players covered

Alvant

Triton Systems

CPS Technologies

Grinm Metal

Anhui Xiangbang

Zhongke Composite

Yinbang

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 Aluminum Matrix Composites for Automotive product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Aluminum Matrix Composites for Automotive, with price, sales, revenue and global market share of Aluminum Matrix Composites for Automotive from 2018 to 2023.

Chapter 3, the Aluminum Matrix Composites for Automotive competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Aluminum Matrix Composites for Automotive breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

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 2022. and Aluminum Matrix Composites for Automotive market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Aluminum Matrix Composites for Automotive.

Chapter 14 and 15, to describe Aluminum Matrix Composites for Automotive sales channel, distributors, customers, research findings and conclusion.

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