

Global Bus Engines Market Research Report 2024(Status and Outlook)

<https://marketpublishers.com/r/G7136017E91BEN.html>

Date: December 2024

Pages: 147

Price: US\$ 2,800.00 (Single User License)

ID: G7136017E91BEN

Abstracts

Report Overview

Bus engines are a critical component of the automotive industry, powering buses used for public transportation, school buses, and commercial purposes. These engines are specifically designed to meet the demands of heavy-duty vehicles, providing efficient and reliable performance. The market for bus engines is characterized by a focus on durability, fuel efficiency, and compliance with stringent emission standards.

In 2023, the global bus engine market size reached approximately USD 4.5 billion. The market is projected to grow at a Compound Annual Growth Rate (CAGR) of 5.8% from 2024 to 2032. This growth can be attributed to several key drivers and market forces shaping the industry.

One of the primary growth drivers is the increasing demand for sustainable transportation solutions. Governments worldwide are emphasizing the adoption of eco-friendly technologies to reduce emissions and combat climate change. As a result, there is a growing preference for buses powered by cleaner fuel sources such as natural gas, electric, and hybrid engines.

Another significant driver is the rapid urbanization and the subsequent need for efficient public transportation systems. As cities expand, the demand for buses equipped with advanced engines that offer better fuel economy and lower maintenance costs is on the rise. Additionally, technological advancements in engine design, such as turbocharging and direct injection, are enhancing performance and efficiency.

Market trends in the bus engine industry include a shift towards electric and hybrid

propulsion systems. Electric buses are gaining popularity due to their zero-emission operation and lower operating costs over the long term. Many governments are incentivizing the adoption of electric buses through subsidies and grants, further driving market growth.

Furthermore, there is a trend towards connectivity and data analytics in bus engines. Manufacturers are integrating telematics and IoT technologies to monitor engine performance in real-time, optimize maintenance schedules, and improve overall efficiency. This trend towards smart technologies is revolutionizing the bus industry and enhancing operational capabilities.

In terms of regional market distribution, leading markets for bus engines include Asia Pacific, Europe, and North America. Asia Pacific dominates the market due to the high demand for buses in countries like China and India, where urbanization and infrastructure development are driving the need for public transportation. Europe and North America are also significant markets, characterized by stringent emission regulations and a focus on sustainable mobility solutions.

Key challenges facing the bus engine market include the high initial cost of electric and hybrid buses, limited charging infrastructure for electric vehicles, and the need for standardization of regulations across regions to promote the adoption of cleaner technologies. Overcoming these challenges will require collaboration between governments, manufacturers, and infrastructure providers to create a conducive environment for sustainable transportation solutions.

In conclusion, the bus engine market is poised for steady growth driven by the increasing demand for sustainable and efficient public transportation systems. Manufacturers that innovate and adapt to evolving trends such as electrification and connectivity will be well-positioned to capitalize on the opportunities presented by this dynamic market.

This report provides a deep insight into the global Bus Engines market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business

organization. The report structure also focuses on the competitive landscape of the Global Bus Engines Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Bus Engines market in any manner.

Global Bus Engines Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Volkswagen

Daimler

Cummins Inc.

Ford

FIAT

Deutz

Weichai Holding Group

Yuchai International

SDEC Power

FAW Jiefang Automotive

Yunnei Group

Navistar

Market Segmentation (by Type)

?3L

3.1-5L

5.1-7L

7.1-9L

9.1-10L

>10L

Market Segmentation (by Application)

Transit Buses

Travel Buses

School Buses

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Bus Engines Market

Overview of the regional outlook of the Bus Engines Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Bus Engines Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development

potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Bus Engines

1.2 Key Market Segments

1.2.1 Bus Engines Segment by Type

1.2.2 Bus Engines Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 BUS ENGINES MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Bus Engines Market Size (M USD) Estimates and Forecasts (2019-2032)

2.1.2 Global Bus Engines Sales Estimates and Forecasts (2019-2032)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

2.4 Macroeconomic Analysis

3 BUS ENGINES MARKET COMPETITIVE LANDSCAPE

3.1 Global Bus Engines Sales by Manufacturers (2019-2024)

3.2 Global Bus Engines Revenue Market Share by Manufacturers (2019-2024)

3.3 Bus Engines Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global Bus Engines Average Price by Manufacturers (2019-2024)

3.5 Manufacturers Bus Engines Sales Sites, Area Served, Product Type

3.6 Bus Engines Market Competitive Situation and Trends

3.6.1 Bus Engines Market Concentration Rate

3.6.2 Global 5 and 10 Largest Bus Engines Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

4 BUS ENGINES INDUSTRY CHAIN ANALYSIS

4.1 Bus Engines Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF BUS ENGINES MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Market Restraints

5.5 Industry News

5.5.1 New Product Developments

5.5.2 Mergers & Acquisitions

5.5.3 Expansions

5.5.4 Collaboration/Supply Contracts

5.6 Industry Policies

6 BUS ENGINES MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Bus Engines Sales Market Share by Type (2019-2024)

6.3 Global Bus Engines Market Size Market Share by Type (2019-2024)

6.4 Global Bus Engines Price by Type (2019-2024)

7 BUS ENGINES MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Bus Engines Market Sales by Application (2019-2024)

7.3 Global Bus Engines Market Size (M USD) by Application (2019-2024)

7.4 Global Bus Engines Sales Growth Rate by Application (2019-2024)

8 BUS ENGINES MARKET SALES BY REGION

8.1 Global Bus Engines Sales by Region

8.1.1 Global Bus Engines Sales by Region

8.1.2 Global Bus Engines Sales Market Share by Region

8.2 Global Bus Engines Market Size by Region

8.2.1 Global Bus Engines Market Size by Region

8.2.2 Global Bus Engines Market Size Market Share by Region

8.3 North America

8.3.1 North America Bus Engines Sales by Country

8.3.2 North America Bus Engines Market Size by Country

8.3.3 U.S. Market Overview

8.3.4 Canada Market Overview

8.3.5 Mexico Market Overview

8.4 Europe

8.4.1 Europe Bus Engines Sales by Country

8.4.2 Europe Bus Engines Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Russia Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific Bus Engines Sales by Region

8.5.2 China

8.5.3 Japan

8.5.4 South Korea

8.5.5 India

8.5.6 Southeast Asia

8.6 Asia Pacific

8.6.1 Asia Pacific Bus Engines Market Size by Region

8.6.2 Asia Pacific Bus Engines Market Size by Region

8.6.3 China

8.6.4 Japan

8.6.5 South Korea

8.6.6 India

8.6.7 Southeast Asia

8.7 South America

8.7.1 South America Bus Engines Sales by Country

8.7.2 South America Bus Engines Market Size by Country

8.7.3 Brazil

8.7.4 Argentina

8.7.5 Columbia

8.8 Middle East and Africa

8.8.1 Middle East and Africa Bus Engines Sales by Region

8.8.2 Middle East and Africa Bus Engines Market Size by Region

8.8.3 Saudi Arabia

- 8.8.4 UAE
- 8.8.5 Egypt
- 8.8.6 Nigeria
- 8.8.7 South Africa

9 BUS ENGINES MARKET PRODUCTION BY REGION

- 9.1 Global Production of Bus Engines by Region (2019-2024)
- 9.2 Global Bus Engines Revenue Market Share by Region (2019-2024)
- 9.3 Global Bus Engines Production, Revenue, Price and Gross Margin (2019-2024)
- 9.4 North America Bus Engines Production
 - 9.4.1 North America Bus Engines Production Growth Rate (2019-2024)
 - 9.4.2 North America Bus Engines Production, Revenue, Price and Gross Margin (2019-2024)
- 9.5 Europe Bus Engines Production
 - 9.5.1 Europe Bus Engines Production Growth Rate (2019-2024)
 - 9.5.2 Europe Bus Engines Production, Revenue, Price and Gross Margin (2019-2024)
- 9.6 Japan Bus Engines Production (2019-2024)
 - 9.6.1 Japan Bus Engines Production Growth Rate (2019-2024)
 - 9.6.2 Japan Bus Engines Production, Revenue, Price and Gross Margin (2019-2024)
- 9.7 China Bus Engines Production (2019-2024)
 - 9.7.1 China Bus Engines Production Growth Rate (2019-2024)
 - 9.7.2 China Bus Engines Production, Revenue, Price and Gross Margin (2019-2024)

10 KEY COMPANIES PROFILE

- 10.1 Volkswagen
 - 10.1.1 Volkswagen Bus Engines Basic Information
 - 10.1.2 Volkswagen Bus Engines Product Overview
 - 10.1.3 Volkswagen Bus Engines Product Market Performance
 - 10.1.4 Volkswagen Business Overview
 - 10.1.5 Volkswagen Bus Engines SWOT Analysis
 - 10.1.6 Volkswagen Recent Developments
- 10.2 Daimler
 - 10.2.1 Daimler Bus Engines Basic Information
 - 10.2.2 Daimler Bus Engines Product Overview
 - 10.2.3 Daimler Bus Engines Product Market Performance
 - 10.2.4 Daimler Business Overview
 - 10.2.5 Daimler Bus Engines SWOT Analysis

10.2.6 Daimler Recent Developments

10.3 Cummins Inc.

10.3.1 Cummins Inc. Bus Engines Basic Information

10.3.2 Cummins Inc. Bus Engines Product Overview

10.3.3 Cummins Inc. Bus Engines Product Market Performance

10.3.4 Cummins Inc. Bus Engines SWOT Analysis

10.3.5 Cummins Inc. Business Overview

10.3.6 Cummins Inc. Recent Developments

10.4 Ford

10.4.1 Ford Bus Engines Basic Information

10.4.2 Ford Bus Engines Product Overview

10.4.3 Ford Bus Engines Product Market Performance

10.4.4 Ford Business Overview

10.4.5 Ford Recent Developments

10.5 FIAT

10.5.1 FIAT Bus Engines Basic Information

10.5.2 FIAT Bus Engines Product Overview

10.5.3 FIAT Bus Engines Product Market Performance

10.5.4 FIAT Business Overview

10.5.5 FIAT Recent Developments

10.6 Deutz

10.6.1 Deutz Bus Engines Basic Information

10.6.2 Deutz Bus Engines Product Overview

10.6.3 Deutz Bus Engines Product Market Performance

10.6.4 Deutz Business Overview

10.6.5 Deutz Recent Developments

10.7 Weichai Holding Group

10.7.1 Weichai Holding Group Bus Engines Basic Information

10.7.2 Weichai Holding Group Bus Engines Product Overview

10.7.3 Weichai Holding Group Bus Engines Product Market Performance

10.7.4 Weichai Holding Group Business Overview

10.7.5 Weichai Holding Group Recent Developments

10.8 Yuchai International

10.8.1 Yuchai International Bus Engines Basic Information

10.8.2 Yuchai International Bus Engines Product Overview

10.8.3 Yuchai International Bus Engines Product Market Performance

10.8.4 Yuchai International Business Overview

10.8.5 Yuchai International Recent Developments

10.9 SDEC Power

- 10.9.1 SDEC Power Bus Engines Basic Information
- 10.9.2 SDEC Power Bus Engines Product Overview
- 10.9.3 SDEC Power Bus Engines Product Market Performance
- 10.9.4 SDEC Power Business Overview
- 10.9.5 SDEC Power Recent Developments
- 10.10 FAW Jiefang Automotive
 - 10.10.1 FAW Jiefang Automotive Bus Engines Basic Information
 - 10.10.2 FAW Jiefang Automotive Bus Engines Product Overview
 - 10.10.3 FAW Jiefang Automotive Bus Engines Product Market Performance
 - 10.10.4 FAW Jiefang Automotive Business Overview
 - 10.10.5 FAW Jiefang Automotive Recent Developments
- 10.11 Yunnei Group
 - 10.11.1 Yunnei Group Bus Engines Basic Information
 - 10.11.2 Yunnei Group Bus Engines Product Overview
 - 10.11.3 Yunnei Group Bus Engines Product Market Performance
 - 10.11.4 Yunnei Group Business Overview
 - 10.11.5 Yunnei Group Recent Developments
- 10.12 Navistar
 - 10.12.1 Navistar Bus Engines Basic Information
 - 10.12.2 Navistar Bus Engines Product Overview
 - 10.12.3 Navistar Bus Engines Product Market Performance
 - 10.12.4 Navistar Business Overview
 - 10.12.5 Navistar Recent Developments

11 BUS ENGINES MARKET FORECAST BY REGION

- 11.1 Global Bus Engines Market Size Forecast
- 11.2 Global Bus Engines Market Forecast by Region
 - 11.2.1 North America Market Size Forecast by Country
 - 11.2.2 Europe Bus Engines Market Size Forecast by Country
 - 11.2.3 Asia Pacific Bus Engines Market Size Forecast by Region
 - 11.2.4 South America Bus Engines Market Size Forecast by Country
 - 11.2.5 Middle East and Africa Forecasted Sales of Bus Engines by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2032)

- 12.1 Global Bus Engines Market Forecast by Type (2025-2032)
 - 12.1.1 Global Forecasted Sales of Bus Engines by Type (2025-2032)
 - 12.1.2 Global Bus Engines Market Size Forecast by Type (2025-2032)

- 12.1.3 Global Forecasted Price of Bus Engines by Type (2025-2032)
- 12.2 Global Bus Engines Market Forecast by Application (2025-2032)
 - 12.2.1 Global Bus Engines Sales (K Units) Forecast by Application
 - 12.2.2 Global Bus Engines Market Size (M USD) Forecast by Application (2025-2032)

13 CONCLUSION AND KEY FINDINGS

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