

# **Automotive E Compressor Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Product (Scroll, Screw, Swash, Wobble, and Others), By Vehicle Type (Passenger Cars, Commercial Vehicles), By Drivetrain (BEV, HEV, and PHEV), By Region, Competition, 2019-2029F**

<https://marketpublishers.com/r/AC47CC87480EEN.html>

Date: April 2024

Pages: 180

Price: US\$ 4,900.00 (Single User License)

ID: AC47CC87480EEN

## **Abstracts**

The Global Automotive E Compressor Market size reached USD 1.93 Billion in 2023 and is expected to grow with a CAGR of 6.95% in the forecast period. The global automotive e-compressor market is experiencing significant growth driven by the increasing adoption of electric vehicles (EVs) and the rising demand for enhanced thermal management solutions in vehicles. E-compressors, also known as electric compressors, play a pivotal role in maintaining optimal cabin temperatures and ensuring passenger comfort, especially in electric and hybrid vehicles. As automakers continue to prioritize sustainability and energy efficiency, the market for automotive e-compressors is poised for substantial expansion.

One of the primary drivers of the automotive e-compressor market is the growing popularity of electric vehicles worldwide. With concerns over environmental pollution and the depletion of fossil fuels, governments and consumers are increasingly embracing EVs as a cleaner and more sustainable alternative to traditional internal combustion engine vehicles. As a result, automakers are investing heavily in electric propulsion technologies, including advanced thermal management systems powered by e-compressors.

In addition to EV adoption, the emphasis on providing superior thermal comfort to passengers is fueling the demand for automotive e-compressors. Consumers expect

comfortable cabin environments regardless of the external climate conditions, driving automakers to deploy efficient heating, ventilation, and air conditioning (HVAC) systems. E-compressors are integral components of these systems, enabling precise temperature regulation and rapid cooling or heating of the vehicle interior, thereby enhancing passenger comfort and satisfaction.

Moreover, stringent emission regulations imposed by governments worldwide are driving automakers to develop more energy-efficient vehicles. Electric and hybrid vehicles offer inherent advantages in terms of reduced greenhouse gas emissions and lower fuel consumption. By incorporating e-compressors into their thermal management systems, automakers can improve the energy efficiency of their vehicles, thereby complying with regulatory standards while meeting consumer expectations for environmentally friendly transportation solutions.

Technological advancements in e-compressor design and manufacturing are also contributing to the growth of the automotive e-compressor market. Manufacturers are continually innovating to develop compact, lightweight, and high-performance e-compressors capable of meeting the evolving requirements of electric and hybrid vehicles. Advanced materials, such as lightweight alloys and composite materials, are being utilized to enhance the efficiency and durability of e-compressor components, leading to improved overall system performance and reliability.

Furthermore, the increasing integration of connectivity and smart features in vehicles is driving the adoption of intelligent e-compressor systems. These systems leverage data analytics, sensors, and control algorithms to optimize compressor operation in real-time, ensuring efficient energy usage and precise temperature control. By implementing intelligent e-compressor solutions, automakers can offer enhanced user experiences and differentiate their vehicles in the competitive automotive market.

From a regional perspective, the automotive e-compressor market is witnessing significant growth across various geographies. North America, Europe CIS, and Asia Pacific are the leading regions, driven by the presence of major automotive manufacturers, favorable government policies supporting electric vehicle adoption, and growing consumer awareness of environmental issues. Additionally, emerging markets in South America, the Middle East, and Africa are also expected to contribute to market growth as EV penetration increases and infrastructure develops.

Overall, the global automotive e-compressor market is experiencing robust growth driven by the accelerating adoption of electric vehicles, the emphasis on thermal

comfort, regulatory requirements, technological advancements, and regional market dynamics. As automakers continue to invest in electrification and sustainable mobility solutions, the demand for efficient and reliable e-compressor systems is expected to remain strong, driving innovation and opportunities for market players across the automotive value chain.

## Key Market Drivers

### Rise in Electric Vehicle Adoption

The surge in global electric vehicle (EV) adoption is a primary driver for the automotive e-compressor market. As consumers and automotive manufacturers increasingly shift towards electric mobility solutions, the demand for efficient and electrically driven compressors rises to meet the thermal management requirements of electric powertrains, ensuring optimal performance and comfort.

### Government Initiatives Promoting Electrification

Government initiatives worldwide, aimed at reducing carbon emissions and promoting sustainable transportation, act as a driving force for the automotive e-compressor market. Incentives, subsidies, and regulations favoring electric and hybrid vehicles encourage automakers to integrate advanced thermal management systems, including e-compressors, to comply with environmental standards and enhance the overall efficiency of electrified fleets.

### Technological Advancements in Thermal Management

Ongoing technological advancements in thermal management systems contribute to the market's growth. Automotive e-compressors are evolving with innovations such as variable-speed technologies, enhanced efficiency, and smart control systems. These advancements not only improve the overall performance of electric vehicles but also address range anxiety concerns by optimizing the energy consumption of the thermal systems.

### Focus on Energy Efficiency and Range Optimization

The automotive industry's heightened focus on energy efficiency and range optimization in electric vehicles is a key driver. E-compressors play a critical role in maintaining the optimal operating temperature of batteries and electric drivetrains, directly impacting the

overall efficiency and range of electric and hybrid vehicles. As automakers strive to enhance the competitiveness of their electric models, the demand for advanced e-compressor technologies increases.

### Consumer Demand for Comfort and Convenience

Consumer demand for enhanced comfort and convenience in electric vehicles fuels the adoption of advanced thermal management systems. E-compressors contribute to efficient air conditioning and heating, ensuring a comfortable in-cabin environment for passengers. This driver is particularly crucial as automakers aim to meet and exceed consumer expectations regarding the performance and amenities of electric vehicles.

### Stringent Emission Standards and Regulations

Stringent emission standards and environmental regulations globally propel the automotive industry towards electrification. E-compressors play a vital role in supporting electric vehicles' compliance with emissions standards, as they contribute to reducing the overall carbon footprint of transportation. The alignment with regulatory requirements further accelerates the integration of e-compressor technologies in electric and hybrid vehicles.

### Collaborations and Partnerships in the Automotive Ecosystem

Collaborations and partnerships within the automotive ecosystem are fostering the development and deployment of advanced e-compressor technologies. Automakers, e-compressor manufacturers, and technology providers are joining forces to share expertise, optimize designs, and accelerate the adoption of these critical components in electric and hybrid vehicles.

### Increasing Investments in Research and Development

Continued investments in research and development by automotive manufacturers and component suppliers drive innovation in e-compressor technologies. The pursuit of more efficient, compact, and cost-effective e-compressors is a key driver for market growth. These investments aim to overcome technological challenges, enhance performance, and make electric vehicles more appealing to a broader consumer base.

### Key Market Challenges

## Cost Challenges and Affordability Concerns

One of the significant challenges facing the global automotive e-compressor market is the cost associated with the development and integration of electric compressors. The production of advanced e-compressors involves intricate technologies and materials, contributing to higher manufacturing costs. This poses a challenge for automakers to balance the adoption of e-compressors with the need to offer affordable electric vehicles, especially in price-sensitive market segments.

## Limited Charging Infrastructure

The widespread adoption of electric vehicles, essential for the success of the automotive e-compressor market, is hindered by the limited availability and accessibility of charging infrastructure. The range anxiety associated with electric vehicles affects consumer confidence, impacting the demand for EVs and, consequently, the requirement for efficient thermal management solutions like e-compressors. Addressing charging infrastructure limitations is crucial for the broader acceptance of electric vehicles.

## Battery Constraints and Energy Consumption

The automotive e-compressor market faces challenges related to battery constraints and the energy consumption of electric compressors. E-compressors draw power from the vehicle's battery, influencing overall energy consumption and, consequently, the vehicle's range. Balancing the energy requirements of e-compressors with the limited capacity of current battery technologies poses a challenge for achieving optimal performance without compromising on driving range.

## Weight and Space Constraints

The weight and space constraints in electric vehicles present challenges for the integration of e-compressors. Electric vehicles prioritize lightweight designs for increased efficiency and range. E-compressors must be compact and lightweight, adding complexity to their engineering. Striking a balance between performance, compactness, and weight becomes a challenge for manufacturers seeking to optimize the thermal management system's design within the confined space of electric vehicles.

## Technical Complexity and Integration

The technical complexity associated with integrating e-compressors into the broader thermal management system of electric vehicles presents a challenge. Coordinating the operation of e-compressors with other components such as batteries, motors, and power electronics requires sophisticated control systems. Ensuring seamless integration without compromising reliability or efficiency poses technical challenges for automakers and component suppliers.

### Supply Chain Disruptions

Global supply chain disruptions, whether due to geopolitical events, natural disasters, or other unforeseen circumstances, pose challenges for the automotive e-compressor market. The intricate supply chain involved in manufacturing these components can be vulnerable to disruptions, leading to delays in production and potential shortages. Ensuring a stable and resilient supply chain is essential for meeting the growing demand for e-compressors.

### Regulatory Uncertainties

The automotive industry operates within a dynamic regulatory environment, and uncertainties regarding future regulations related to emissions standards and vehicle electrification can pose challenges for the automotive e-compressor market. Manufacturers must navigate evolving regulatory landscapes, and changes in standards may impact the design and requirements for e-compressor technologies.

### Consumer Awareness and Acceptance

Despite the growing interest in electric vehicles, consumer awareness and acceptance of the specific functionalities and benefits of e-compressors may present challenges. Communicating the importance of e-compressors in enhancing the overall performance and comfort of electric vehicles is crucial for consumer adoption. Manufacturers face the challenge of educating consumers about the significance of thermal management systems in ensuring a pleasant and efficient driving experience in electric vehicles.

### Key Market Trends

#### Advancements in Variable-Speed E-Compressors

A notable trend in the global automotive e-compressor market is the rapid advancement in variable-speed e-compressor technologies. Variable-speed compressors offer

enhanced efficiency by adjusting their operating speed based on the thermal management needs of the electric vehicle. This trend addresses the challenge of optimizing energy consumption and improving overall system efficiency, contributing to increased range and performance.

### Integration of Heat Pump Systems

The integration of heat pump systems is gaining traction as a key trend in the automotive e-compressor market. Heat pumps leverage the capabilities of e-compressors to not only cool but also heat the cabin efficiently. This dual functionality enhances the overall energy efficiency of the thermal management system, particularly in climates with varying temperature extremes. Automakers are increasingly adopting heat pump systems to maximize the comfort and range of electric vehicles.

### Focus on Lightweight and Compact Designs

A prevalent trend involves the development of lightweight and compact e-compressor designs to address space and weight constraints in electric vehicles. Manufacturers are leveraging advanced materials and innovative engineering to reduce the size and weight of e-compressors without compromising performance. This trend aligns with the broader industry emphasis on lightweighting for increased electric vehicle efficiency.

### Innovations in Smart and Connected E-Compressors

Smart and connected e-compressors are emerging as a trend, integrating advanced sensors and connectivity features. These e-compressors can communicate with other vehicle systems, enabling predictive maintenance, optimizing performance based on real-time data, and enhancing overall vehicle efficiency. The trend towards smart e-compressors aligns with the broader automotive industry's move towards connected and intelligent vehicles.

### Development of Eco-Friendly Refrigerants

An environmentally conscious trend in the automotive e-compressor market involves the development and adoption of eco-friendly refrigerants. As sustainability becomes a key focus in the automotive industry, manufacturers are exploring refrigerants with lower global warming potential (GWP) and reduced environmental impact. This trend aligns with efforts to make electric vehicles not only energy-efficient but also environmentally friendly throughout their lifecycle.

## Collaborations for Technology Integration

Collaborations and partnerships between automotive manufacturers and e-compressor suppliers are a notable trend driving innovation. These collaborations facilitate the seamless integration of e-compressor technologies into electric vehicles, leveraging the combined expertise of various stakeholders. Such partnerships contribute to accelerated technological advancements, addressing challenges and fostering the widespread adoption of e-compressors in the automotive market.

## Increasing Adoption in Hybrid Electric Vehicles (HEVs)

A growing trend is the increasing adoption of e-compressors in hybrid electric vehicles (HEVs). HEVs combine internal combustion engines with electric propulsion, and the integration of e-compressors contributes to efficient thermal management. This trend reflects a broader industry shift towards hybridization as a transitional step towards full electrification, with e-compressors playing a crucial role in enhancing the overall efficiency of these vehicles.

## E-Compressors in Autonomous Vehicles

The emergence of autonomous vehicles is influencing the trend of integrating advanced e-compressor systems. Autonomous vehicles require sophisticated thermal management solutions to ensure passenger comfort without driver intervention. E-compressors play a crucial role in achieving and maintaining optimal cabin temperatures, aligning with the evolving landscape of autonomous and connected mobility. This trend underscores the role of e-compressors in shaping the future of automotive technology beyond traditional driving scenarios.

## Segmental Insights

### By Vehicle Type

The passenger cars segment stands out as a significant market for automotive e-compressors, driven by the increasing adoption of electric vehicles (EVs) and the emphasis on providing enhanced thermal comfort to passengers. In passenger cars, e-compressors play a crucial role in maintaining optimal cabin temperatures, ensuring a comfortable and enjoyable driving experience. As consumers increasingly opt for electric and hybrid passenger cars, the demand for efficient and compact e-compressor



systems rises. Manufacturers in this segment focus on innovations in variable-speed technologies and smart integration to align with the evolving preferences of modern car buyers, contributing to the overall growth of the passenger cars segment within the automotive e-compressor market.

The commercial vehicles segment, including trucks, buses, and other utility vehicles, is witnessing a gradual integration of automotive e-compressors, albeit with distinct considerations. In commercial vehicles, the emphasis is not only on passenger comfort but also on the efficient thermal management of goods and cargo. E-compressors contribute to maintaining appropriate temperatures in refrigerated trucks, ensuring the integrity of transported goods. As the commercial vehicle industry explores electrification and hybridization to reduce emissions, the adoption of e-compressors becomes crucial for achieving energy efficiency and meeting environmental standards. The unique requirements of the commercial vehicles segment drive innovations in heavy-duty e-compressor systems capable of managing diverse thermal loads, reinforcing the role of e-compressors in advancing sustainable transportation solutions.

## Regional Insights

In North America, the automotive e-compressor market is experiencing substantial growth, driven by the increasing adoption of electric vehicles (EVs) and the region's commitment to reducing greenhouse gas emissions. The United States and Canada have witnessed a surge in consumer interest in EVs, leading to a growing demand for efficient thermal management systems. Government incentives and environmental regulations favoring clean energy solutions further contribute to the market's expansion. Additionally, collaborations between automotive manufacturers and technology providers in the region are fostering innovation in e-compressor technologies. The well-established automotive industry infrastructure and a consumer base receptive to technological advancements position North America as a key player in shaping the future of the automotive e-compressor market.

Europe stands at the forefront of the global automotive e-compressor market, fueled by stringent emission standards, robust government support for electric mobility, and a proactive approach to sustainability. Countries such as Germany, France, and the United Kingdom are witnessing a surge in electric vehicle adoption, driving the demand for advanced thermal management systems. European automakers are actively investing in research and development to enhance e-compressor technologies, with a focus on achieving optimal efficiency and addressing the unique challenges of the European climate. Collaborations between automotive and technology companies are

fostering a competitive landscape, positioning Europe as a leader in shaping the technological landscape of the automotive e-compressor market.

The Asia-Pacific region is a dynamic and rapidly growing market for automotive e-compressors, primarily propelled by the thriving automotive industry in countries like China, Japan, and South Korea. The increasing emphasis on sustainable transportation solutions and the ambitious adoption of electric vehicles contribute to the region's significant market share. In China, government initiatives promoting electric mobility and a robust charging infrastructure have accelerated the integration of e-compressors in electric vehicles. Local collaborations and partnerships are fostering innovation, making Asia-Pacific a key influencer in the global automotive e-compressor market. The region's diverse automotive landscape, from compact city cars to electric buses, presents unique challenges and opportunities for e-compressor manufacturers.

The Middle East and Africa are witnessing a gradual uptake of automotive e-compressors, driven by the region's growing interest in electric mobility and the pursuit of sustainable solutions. Countries like the United Arab Emirates and Saudi Arabia, known for their affluent automotive markets, are exploring the integration of e-compressors in luxury electric vehicles. The harsh climatic conditions in the region contribute to the demand for efficient thermal management systems. However, economic factors and varying levels of infrastructure development present challenges to widespread adoption. As the region increasingly focuses on sustainability, the automotive e-compressor market in the Middle East and Africa is expected to evolve, albeit at a pace influenced by economic considerations.

#### .Key Market Players

Denso Corporation

Hanon Systems Co., Ltd.

MAHLE GmbH

Mitsubishi Heavy Industries Ltd.

Robert Bosch GmbH

Sanden Corporation

SCHOTT AG

Toyota Industries Corporation

Report Scope:

In this report, the Global Automotive E Compressor Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Automotive E Compressor Market, By Product:

oScroll

oScrew

oSwash

oWobble

oOthers

Automotive E Compressor Market,By Vehicle Type:

oPassenger Cars

oCommercial Vehicles

Automotive E Compressor Market,By Drivetrain:

oBEV

oHEV

oPHEV

Automotive E Compressor Market, By Region:

oNorth America

United States

Canada

Mexico

oEurope CIS

Germany

Spain

France

Russia

Italy

United Kingdom

Belgium

oAsia-Pacific

China

India

Japan

Indonesia

Thailand

Australia

South Korea

## oSouth America

Brazil

Argentina

Colombia

## oMiddle East Africa

Turkey

Iran

Saudi Arabia

UAE

## Competitive Landscape

**Company Profiles:** Detailed analysis of the major companies presents in the Global Automotive E Compressor Market.

### Available Customizations:

Global Automotive E Compressor Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

### Company Information

Detailed analysis and profiling of additional market players (up to five).

## Contents

### **1.INTRODUCTION**

- 1.1.Product Overview
- 1.2.Key Highlights of the Report
- 1.3.Market Coverage
- 1.4.Market Segments Covered
- 1.5.Research Tenure Considered

### **2.RESEARCH METHODOLOGY**

- 2.1.Objective of theStudy
- 2.2.Baseline Methodology
- 2.3.Key Industry Partners
- 2.4.Major Association and Secondary Sources
- 2.5.Forecasting Methodology
- 2.6.Data Triangulation Validation
- 2.7.Assumptions and Limitations

### **3.EXECUTIVE SUMMARY**

- 3.1.
- 3.2.Market Forecast
- 3.3.Key Regions
- 3.4.Key Segments

### **4.IMPACT OF COVID-19 ON GLOBAL AUTOMOTIVE E COMPRESSOR MARKET**

### **5.GLOBAL AUTOMOTIVE E COMPRESSOR MARKET OUTLOOK**

- 5.1.Market Size Forecast
  - 5.1.1.By Value
- 5.2.Market Share Forecast
  - 5.2.1.By Product Market Share Analysis (Scroll, Screw, Swash, Wobble, and Others)
  - 5.2.2.By Vehicle Type Market Share Analysis (Passenger Cars, Commercial Vehicles)
  - 5.2.3.By Drivetrain Market Share Analysis (BEV, HEV, and PHEV)
  - 5.2.4.By RegionalMarket Share Analysis
    - 5.2.4.1.Asia-Pacific Market Share Analysis

- 5.2.4.2. Europe CIS Market Share Analysis
- 5.2.4.3. North America Market Share Analysis
- 5.2.4.4. South America Market Share Analysis
- 5.2.4.5. Middle East Africa Market Share Analysis
- 5.2.5. By Company Market Share Analysis (Top 5 Companies, Others - By Value, 2023)
- 5.3. Global Automotive E Compressor Market Mapping Opportunity Assessment
  - 5.3.1. By Product Market Mapping Opportunity Assessment
  - 5.3.2. By Vehicle Type Market Mapping Opportunity Assessment
  - 5.3.3. By Drivetrain Market Mapping Opportunity Assessment
  - 5.3.4. By Regional Market Mapping Opportunity Assessment

## **6. ASIA-PACIFIC AUTOMOTIVE E COMPRESSOR MARKET OUTLOOK**

- 6.1. Market Size Forecast
  - 6.1.1. By Value
- 6.2. Market Share Forecast
  - 6.2.1. By Product Market Share Analysis
  - 6.2.2. By Vehicle Type Market Share Analysis
  - 6.2.3. By Drivetrain Market Share Analysis
  - 6.2.4. By Country Market Share Analysis
    - 6.2.4.1. China Market Share Analysis
    - 6.2.4.2. India Market Share Analysis
    - 6.2.4.3. Japan Market Share Analysis
    - 6.2.4.4. Indonesia Market Share Analysis
    - 6.2.4.5. Thailand Market Share Analysis
    - 6.2.4.6. South Korea Market Share Analysis
    - 6.2.4.7. Australia Market Share Analysis
    - 6.2.4.8. Rest of Asia-Pacific Market Share Analysis
- 6.3. Asia-Pacific: Country Analysis
  - 6.3.1. China Automotive E Compressor Market Outlook
    - 6.3.1.1. Market Size Forecast
      - 6.3.1.1.1. By Value
    - 6.3.1.2. Market Share Forecast
      - 6.3.1.2.1. By Product Market Share Analysis
      - 6.3.1.2.2. By Vehicle Type Market Share Analysis
      - 6.3.1.2.3. By Drivetrain Market Share Analysis
  - 6.3.2. India Automotive E Compressor Market Outlook
    - 6.3.2.1. Market Size Forecast

- 6.3.2.1.1.By Value
- 6.3.2.2.Market Share Forecast
  - 6.3.2.2.1.By Product Market Share Analysis
  - 6.3.2.2.2.By Vehicle Type Market Share Analysis
  - 6.3.2.2.3.By Drivetrain MarketShare Analysis
- 6.3.3.Japan Automotive E Compressor Market Outlook
  - 6.3.3.1.Market Size Forecast
    - 6.3.3.1.1.By Value
  - 6.3.3.2.Market Share Forecast
    - 6.3.3.2.1.By Product Market Share Analysis
    - 6.3.3.2.2.By Vehicle Type Market Share Analysis
    - 6.3.3.2.3.By Drivetrain MarketShare Analysis
- 6.3.4.Indonesia Automotive E Compressor Market Outlook
  - 6.3.4.1.Market Size Forecast
    - 6.3.4.1.1.By Value
  - 6.3.4.2.Market Share Forecast
    - 6.3.4.2.1.By Product Market Share Analysis
    - 6.3.4.2.2.By Vehicle Type Market Share Analysis
    - 6.3.4.2.3.By Drivetrain Market Share Analysis
- 6.3.5.Thailand Automotive E Compressor Market Outlook
  - 6.3.5.1.Market Size Forecast
    - 6.3.5.1.1.By Value
  - 6.3.5.2.Market Share Forecast
    - 6.3.5.2.1.ByProductMarket Share Analysis
    - 6.3.5.2.2.By Vehicle Type Market Share Analysis
    - 6.3.5.2.3.By Drivetrain Market Share Analysis
- 6.3.6.South Korea Automotive E Compressor Market Outlook
  - 6.3.6.1.Market Size Forecast
    - 6.3.6.1.1.By Value
  - 6.3.6.2.Market Share Forecast
    - 6.3.6.2.1.By Product Market Share Analysis
    - 6.3.6.2.2.By Vehicle Type Market Share Analysis
    - 6.3.6.2.3.By Drivetrain Market Share Analysis
- 6.3.7.Australia Automotive E Compressor Market Outlook
  - 6.3.7.1.Market Size Forecast
    - 6.3.7.1.1.By Value
  - 6.3.7.2.Market Share Forecast
    - 6.3.7.2.1.By Product Market Share Analysis
    - 6.3.7.2.2.By Vehicle Type Market Share Analysis



### 6.3.7.2.3.By Drivetrain Market Share Analysis

## **7.EUROPE CIS AUTOMOTIVE E COMPRESSOR MARKET OUTLOOK**

### 7.1.Market Size Forecast

#### 7.1.1.By Value

### 7.2.Market Share Forecast

#### 7.2.1.By Product Market Share Analysis

#### 7.2.2.By Vehicle Type Market Share Analysis

#### 7.2.3.By Drivetrain Market Share Analysis

#### 7.2.4.By Country Market Share Analysis

##### 7.2.4.1.Germany Market Share Analysis

##### 7.2.4.2.Spain Market Share Analysis

##### 7.2.4.3.France Market Share Analysis

##### 7.2.4.4.Russia Market Share Analysis

##### 7.2.4.5.Italy Market Share Analysis

##### 7.2.4.6.United Kingdom Market Share Analysis

##### 7.2.4.7.Belgium Market Share Analysis

##### 7.2.4.8.Rest of Europe CIS Market Share Analysis

### 7.3.Europe CIS: Country Analysis

#### 7.3.1.Germany Automotive E Compressor Market Outlook

##### 7.3.1.1.Market Size Forecast

###### 7.3.1.1.1.By Value

##### 7.3.1.2.Market Share Forecast

###### 7.3.1.2.1.By Product Market Share Analysis

###### 7.3.1.2.2.By Vehicle Type Market Share Analysis

###### 7.3.1.2.3.By Drivetrain Market Share Analysis

#### 7.3.2.Spain Automotive E Compressor Market Outlook

##### 7.3.2.1.Market Size Forecast

###### 7.3.2.1.1.By Value

##### 7.3.2.2.Market Share Forecast

###### 7.3.2.2.1.By Product Market Share Analysis

###### 7.3.2.2.2.By Vehicle Type Market Share Analysis

###### 7.3.2.2.3.By Drivetrain Market Share Analysis

#### 7.3.3.France Automotive E Compressor Market Outlook

##### 7.3.3.1.Market Size Forecast

###### 7.3.3.1.1.By Value

##### 7.3.3.2.Market Share Forecast

###### 7.3.3.2.1.By Product Market Share Analysis

- 7.3.3.2.2.By Vehicle Type Market Share Analysis
- 7.3.3.2.3.By Drivetrain Market Share Analysis
- 7.3.4.Russia Automotive E Compressor Market Outlook
  - 7.3.4.1.Market Size Forecast
    - 7.3.4.1.1.By Value
  - 7.3.4.2.Market Share Forecast
    - 7.3.4.2.1.By Product Market Share Analysis
    - 7.3.4.2.2.By Vehicle Type Market Share Analysis
    - 7.3.4.2.3.By Drivetrain Market Share Analysis
- 7.3.5.Italy Automotive E Compressor Market Outlook
  - 7.3.5.1.Market Size Forecast
    - 7.3.5.1.1.By Value
  - 7.3.5.2.Market Share Forecast
    - 7.3.5.2.1.By Product Market Share Analysis
    - 7.3.5.2.2.By Vehicle Type Market Share Analysis
    - 7.3.5.2.3.By Drivetrain Market Share Analysis
- 7.3.6.United Kingdom Automotive E Compressor Market Outlook
  - 7.3.6.1.Market Size Forecast
    - 7.3.6.1.1.By Value
  - 7.3.6.2.Market Share Forecast
    - 7.3.6.2.1.By Product Market Share Analysis
    - 7.3.6.2.2.By Vehicle Type Market Share Analysis
    - 7.3.6.2.3.By Drivetrain Market Share Analysis
- 7.3.7.Belgium Automotive E Compressor Market Outlook
  - 7.3.7.1.Market Size Forecast
    - 7.3.7.1.1.By Value
  - 7.3.7.2.Market Share Forecast
    - 7.3.7.2.1.By Product Market Share Analysis
    - 7.3.7.2.2.By Vehicle Type Market Share Analysis
    - 7.3.7.2.3.By Drivetrain Market Share Analysis

## **8.NORTH AMERICA AUTOMOTIVE E COMPRESSOR MARKET OUTLOOK**

- 8.1.Market Size Forecast
  - 8.1.1.By Value
- 8.2.Market Share Forecast
  - 8.2.1.By Product Market Share Analysis
  - 8.2.2.By Vehicle Type Market Share Analysis
  - 8.2.3.By Drivetrain Market Share Analysis

- 8.2.4.By Country Market Share Analysis
  - 8.2.4.1.United States Market Share Analysis
  - 8.2.4.2.Mexico Market Share Analysis
  - 8.2.4.3.Canada Market Share Analysis
- 8.3.North America: Country Analysis
  - 8.3.1.United States Automotive E Compressor Market Outlook
    - 8.3.1.1.Market Size Forecast
      - 8.3.1.1.1.By Value
    - 8.3.1.2.Market Share Forecast
      - 8.3.1.2.1.By Product Market Share Analysis
      - 8.3.1.2.2.By Vehicle Type Market Share Analysis
      - 8.3.1.2.3.By Drivetrain Market Share Analysis
  - 8.3.2.Mexico Automotive E Compressor Market Outlook
    - 8.3.2.1.Market Size Forecast
      - 8.3.2.1.1.By Value
    - 8.3.2.2.Market Share Forecast
      - 8.3.2.2.1.By Product Market Share Analysis
      - 8.3.2.2.2.By Vehicle Type Market Share Analysis
      - 8.3.2.2.3.By Drivetrain Market Share Analysis
  - 8.3.3.Canada Automotive E Compressor Market Outlook
    - 8.3.3.1.Market Size Forecast
      - 8.3.3.1.1.By Value
    - 8.3.3.2.Market Share Forecast
      - 8.3.3.2.1.By Product Market Share Analysis
      - 8.3.3.2.2.By Vehicle Type Market Share Analysis
      - 8.3.3.2.3.By Drivetrain Market Share Analysis

## **9.SOUTH AMERICA AUTOMOTIVE E COMPRESSOR MARKET OUTLOOK**

- 9.1.Market Size Forecast
  - 9.1.1.By Value
- 9.2.Market Share Forecast
  - 9.2.1.By Product Market Share Analysis
  - 9.2.2.By Vehicle Type Market Share Analysis
  - 9.2.3.By Drivetrain Market Share Analysis
  - 9.2.4.By Country Market Share Analysis
    - 9.2.4.1.Brazil Market Share Analysis
    - 9.2.4.2.Argentina Market Share Analysis
    - 9.2.4.3.Colombia Market Share Analysis

- 9.2.4.4. Rest of South America Market Share Analysis
- 9.3. South America: Country Analysis
  - 9.3.1. Brazil Automotive E Compressor Market Outlook
    - 9.3.1.1. Market Size Forecast
      - 9.3.1.1.1. By Value
    - 9.3.1.2. Market Share Forecast
      - 9.3.1.2.1. By Product Market Share Analysis
      - 9.3.1.2.2. By Vehicle Type Market Share Analysis
      - 9.3.1.2.3. By Drivetrain Market Share Analysis
  - 9.3.2. Colombia Automotive E Compressor Market Outlook
    - 9.3.2.1. Market Size Forecast
      - 9.3.2.1.1. By Value
    - 9.3.2.2. Market Share Forecast
      - 9.3.2.2.1. By Product Market Share Analysis
      - 9.3.2.2.2. By Vehicle Type Market Share Analysis
      - 9.3.2.2.3. By Drivetrain Market Share Analysis
  - 9.3.3. Argentina Automotive E Compressor Market Outlook
    - 9.3.3.1. Market Size Forecast
      - 9.3.3.1.1. By Value
    - 9.3.3.2. Market Share Forecast
      - 9.3.3.2.1. By Product Market Share Analysis
      - 9.3.3.2.2. By Vehicle Type Market Share Analysis
      - 9.3.3.2.3. By Drivetrain Market Share Analysis

## **10. MIDDLE EAST AFRICA AUTOMOTIVE E COMPRESSOR MARKET OUTLOOK**

- 10.1. Market Size Forecast
  - 10.1.1. By Value
- 10.2. Market Share Forecast
  - 10.2.1. By Product Market Share Analysis
  - 10.2.2. By Vehicle Type Market Share Analysis
  - 10.2.3. By Drivetrain Market Share Analysis
  - 10.2.4. By Country Market Share Analysis
    - 10.2.4.1. Turkey Market Share Analysis
    - 10.2.4.2. Iran Market Share Analysis
    - 10.2.4.3. Saudi Arabia Market Share Analysis
    - 10.2.4.4. UAE Market Share Analysis
    - 10.2.4.5. Rest of Middle East Africa Market Share Analysis
- 10.3. Middle East Africa: Country Analysis

- 10.3.1.Turkey Automotive E Compressor Market Outlook
  - 10.3.1.1.Market Size Forecast
    - 10.3.1.1.1.By Value
  - 10.3.1.2.Market Share Forecast
    - 10.3.1.2.1.By Product Market Share Analysis
    - 10.3.1.2.2.By Vehicle Type Market Share Analysis
    - 10.3.1.2.3.By Drivetrain Market Share Analysis
- 10.3.2.Iran Automotive E Compressor Market Outlook
  - 10.3.2.1.Market Size Forecast
    - 10.3.2.1.1.By Value
  - 10.3.2.2.Market Share Forecast
    - 10.3.2.2.1.By Product Market Share Analysis
    - 10.3.2.2.2.By Vehicle Type Market Share Analysis
    - 10.3.2.2.3.By Drivetrain Market Share Analysis
- 10.3.3.Saudi Arabia Automotive E Compressor Market Outlook
  - 10.3.3.1.Market Size Forecast
    - 10.3.3.1.1.By Value
  - 10.3.3.2.Market Share Forecast
    - 10.3.3.2.1.By Product Market Share Analysis
    - 10.3.3.2.2.By Vehicle Type Market Share Analysis
    - 10.3.3.2.3.By Drivetrain Market Share Analysis
- 10.3.4.UAE Automotive E Compressor Market Outlook
  - 10.3.4.1.Market Size Forecast
    - 10.3.4.1.1.By Value
  - 10.3.4.2.Market Share Forecast
    - 10.3.4.2.1.By Product Market Share Analysis
    - 10.3.4.2.2.By Vehicle Type Market Share Analysis
    - 10.3.4.2.3.By Drivetrain Market Share Analysis

## **11.SWOT ANALYSIS**

- 11.1.Strength
- 11.2.Weakness
- 11.3.Opportunities
- 11.4.Threats

## **12.MARKET DYNAMICS**

- 12.1.Market Drivers

## 12.2. Market Challenges

## 13. MARKET TRENDS AND DEVELOPMENTS

## 14. COMPETITIVE LANDSCAPE

### 14.1. Company Profiles (Up to 10 Major Companies)

#### 14.1.1. Denso Corporation

##### 14.1.1.1. Company Details

##### 14.1.1.2. Key Product Offered

##### 14.1.1.3. Financials (As Per Availability)

##### 14.1.1.4. Recent Developments

##### 14.1.1.5. Key Management Personnel

#### 14.1.2. Hanon Systems Co., Ltd.

##### 14.1.2.1. Company Details

##### 14.1.2.2. Key Product Offered

##### 14.1.2.3. Financials (As Per Availability)

##### 14.1.2.4. Recent Developments

##### 14.1.2.5. Key Management Personnel

#### 14.1.3. MAHLE GmbH

##### 14.1.3.1. Company Details

##### 14.1.3.2. Key Product Offered

##### 14.1.3.3. Financials (As Per Availability)

##### 14.1.3.4. Recent Developments

##### 14.1.3.5. Key Management Personnel

#### 14.1.4. Mitsubishi Heavy Industries Ltd.

##### 14.1.4.1. Company Details

##### 14.1.4.2. Key Product Offered

##### 14.1.4.3. Financials (As Per Availability)

##### 14.1.4.4. Recent Developments

##### 14.1.4.5. Key Management Personnel

#### 14.1.5. Robert Bosch GmbH

##### 14.1.5.1. Company Details

##### 14.1.5.2. Key Product Offered

##### 14.1.5.3. Financials (As Per Availability)

##### 14.1.5.4. Recent Developments

##### 14.1.5.5. Key Management Personnel

#### 14.1.6. Sanden Corporation

##### 14.1.6.1. Company Details

- 14.1.6.2.Key Product Offered
- 14.1.6.3.Financials (As Per Availability)
- 14.1.6.4.Recent Developments
- 14.1.6.5.Key Management Personnel
- 14.1.7.SCHOTT AG
  - 14.1.7.1.Company Details
  - 14.1.7.2.Key Product Offered
  - 14.1.7.3.Financials (As Per Availability)
  - 14.1.7.4.Recent Developments
  - 14.1.7.5.Key Management Personnel
- 14.1.8.Toyota Industries Corporation
  - 14.1.8.1.Company Details
  - 14.1.8.2.Key Product Offered
  - 14.1.8.3.Financials (As Per Availability)
  - 14.1.8.4.Recent Developments
  - 14.1.8.5.Key Management Personnel

## **15.STRATEGIC RECOMMENDATIONS**

- 15.1.Key Focus Areas
  - 15.1.1.Target Regions
  - 15.1.2.Target Product
  - 15.1.3.TargetVehicle Type

## **16. ABOUT US DISCLAIMER**

## I would like to order

Product name: Automotive E Compressor Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Product (Scroll, Screw, Swash, Wobble, and Others), By Vehicle Type (Passenger Cars, Commercial Vehicles), By Drivetrain (BEV, HEV, and PHEV), By Region, Competition, 2019-2029F

Product link: <https://marketpublishers.com/r/AC47CC87480EEN.html>

Price: US\$ 4,900.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/AC47CC87480EEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>



To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970