

Global VVT and Start-Stop Systems Market Growth 2023-2029

<https://marketpublishers.com/r/GC7D79D98BDEN.html>

Date: March 2023

Pages: 100

Price: US\$ 3,660.00 (Single User License)

ID: GC7D79D98BDEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The start-stop system manufacturers are focusing on developing and delivering systems that can meet the increasing demand for fuel economy and emission norms.

LPI (LP Information)' newest research report, the “VVT and Start-Stop Systems Industry Forecast” looks at past sales and reviews total world VVT and Start-Stop Systems sales in 2022, providing a comprehensive analysis by region and market sector of projected VVT and Start-Stop Systems sales for 2023 through 2029. With VVT and Start-Stop Systems sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world VVT and Start-Stop Systems industry.

This Insight Report provides a comprehensive analysis of the global VVT and Start-Stop Systems landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on VVT and Start-Stop Systems portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global VVT and Start-Stop Systems market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for VVT and Start-Stop Systems and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced

view of the current state and future trajectory in the global VVT and Start-Stop Systems.

The global VVT and Start-Stop Systems market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

High cost of VVT and start-stop system, high maintenance cost, availability of alternative technologies such as turbochargers, along with rapid adoption of electric vehicles are the factors limiting the growth of VVT and start-stop systems globally.

This report presents a comprehensive overview, market shares, and growth opportunities of VVT and Start-Stop Systems market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Cam-Phasing

Cam-Phasing Plus Changing

BAS

Enhanced Starter

Direct Starter

ISG

Segmentation by application

Passenger

Commercial

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Continental

Delphi Automotive

Denso

Borgwarner

Valeo

Hitachi

Aisin Seiki

Schaeffler

Mitsubishi Electric

Eaton

Johnson

Key Questions Addressed in this Report

What is the 10-year outlook for the global VVT and Start-Stop Systems market?

What factors are driving VVT and Start-Stop Systems market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do VVT and Start-Stop Systems market opportunities vary by end market size?

How does VVT and Start-Stop Systems break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global VVT and Start-Stop Systems Annual Sales 2018-2029
 - 2.1.2 World Current & Future Analysis for VVT and Start-Stop Systems by Geographic Region, 2018, 2022 & 2029
 - 2.1.3 World Current & Future Analysis for VVT and Start-Stop Systems by Country/Region, 2018, 2022 & 2029
- 2.2 VVT and Start-Stop Systems Segment by Type
 - 2.2.1 Cam-Phasing
 - 2.2.2 Cam-Phasing Plus Changing
 - 2.2.3 BAS
 - 2.2.4 Enhanced Starter
 - 2.2.5 Direct Starter
 - 2.2.6 ISG
- 2.3 VVT and Start-Stop Systems Sales by Type
 - 2.3.1 Global VVT and Start-Stop Systems Sales Market Share by Type (2018-2023)
 - 2.3.2 Global VVT and Start-Stop Systems Revenue and Market Share by Type (2018-2023)
 - 2.3.3 Global VVT and Start-Stop Systems Sale Price by Type (2018-2023)
- 2.4 VVT and Start-Stop Systems Segment by Application
 - 2.4.1 Passenger
 - 2.4.2 Commercial
- 2.5 VVT and Start-Stop Systems Sales by Application
 - 2.5.1 Global VVT and Start-Stop Systems Sale Market Share by Application (2018-2023)

2.5.2 Global VVT and Start-Stop Systems Revenue and Market Share by Application (2018-2023)

2.5.3 Global VVT and Start-Stop Systems Sale Price by Application (2018-2023)

3 GLOBAL VVT AND START-STOP SYSTEMS BY COMPANY

3.1 Global VVT and Start-Stop Systems Breakdown Data by Company

3.1.1 Global VVT and Start-Stop Systems Annual Sales by Company (2018-2023)

3.1.2 Global VVT and Start-Stop Systems Sales Market Share by Company (2018-2023)

3.2 Global VVT and Start-Stop Systems Annual Revenue by Company (2018-2023)

3.2.1 Global VVT and Start-Stop Systems Revenue by Company (2018-2023)

3.2.2 Global VVT and Start-Stop Systems Revenue Market Share by Company (2018-2023)

3.3 Global VVT and Start-Stop Systems Sale Price by Company

3.4 Key Manufacturers VVT and Start-Stop Systems Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers VVT and Start-Stop Systems Product Location Distribution

3.4.2 Players VVT and Start-Stop Systems Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR VVT AND START-STOP SYSTEMS BY GEOGRAPHIC REGION

4.1 World Historic VVT and Start-Stop Systems Market Size by Geographic Region (2018-2023)

4.1.1 Global VVT and Start-Stop Systems Annual Sales by Geographic Region (2018-2023)

4.1.2 Global VVT and Start-Stop Systems Annual Revenue by Geographic Region (2018-2023)

4.2 World Historic VVT and Start-Stop Systems Market Size by Country/Region (2018-2023)

4.2.1 Global VVT and Start-Stop Systems Annual Sales by Country/Region (2018-2023)

4.2.2 Global VVT and Start-Stop Systems Annual Revenue by Country/Region

(2018-2023)

4.3 Americas VVT and Start-Stop Systems Sales Growth

4.4 APAC VVT and Start-Stop Systems Sales Growth

4.5 Europe VVT and Start-Stop Systems Sales Growth

4.6 Middle East & Africa VVT and Start-Stop Systems Sales Growth

5 AMERICAS

5.1 Americas VVT and Start-Stop Systems Sales by Country

5.1.1 Americas VVT and Start-Stop Systems Sales by Country (2018-2023)

5.1.2 Americas VVT and Start-Stop Systems Revenue by Country (2018-2023)

5.2 Americas VVT and Start-Stop Systems Sales by Type

5.3 Americas VVT and Start-Stop Systems Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC VVT and Start-Stop Systems Sales by Region

6.1.1 APAC VVT and Start-Stop Systems Sales by Region (2018-2023)

6.1.2 APAC VVT and Start-Stop Systems Revenue by Region (2018-2023)

6.2 APAC VVT and Start-Stop Systems Sales by Type

6.3 APAC VVT and Start-Stop Systems Sales by Application

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe VVT and Start-Stop Systems by Country

7.1.1 Europe VVT and Start-Stop Systems Sales by Country (2018-2023)

7.1.2 Europe VVT and Start-Stop Systems Revenue by Country (2018-2023)

7.2 Europe VVT and Start-Stop Systems Sales by Type

7.3 Europe VVT and Start-Stop Systems Sales by Application

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa VVT and Start-Stop Systems by Country

8.1.1 Middle East & Africa VVT and Start-Stop Systems Sales by Country (2018-2023)

8.1.2 Middle East & Africa VVT and Start-Stop Systems Revenue by Country (2018-2023)

8.2 Middle East & Africa VVT and Start-Stop Systems Sales by Type

8.3 Middle East & Africa VVT and Start-Stop Systems Sales by Application

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of VVT and Start-Stop Systems

10.3 Manufacturing Process Analysis of VVT and Start-Stop Systems

10.4 Industry Chain Structure of VVT and Start-Stop Systems

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

- 11.2 VVT and Start-Stop Systems Distributors
- 11.3 VVT and Start-Stop Systems Customer

12 WORLD FORECAST REVIEW FOR VVT AND START-STOP SYSTEMS BY GEOGRAPHIC REGION

- 12.1 Global VVT and Start-Stop Systems Market Size Forecast by Region
 - 12.1.1 Global VVT and Start-Stop Systems Forecast by Region (2024-2029)
 - 12.1.2 Global VVT and Start-Stop Systems Annual Revenue Forecast by Region (2024-2029)
- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global VVT and Start-Stop Systems Forecast by Type
- 12.7 Global VVT and Start-Stop Systems Forecast by Application

13 KEY PLAYERS ANALYSIS

- 13.1 Continental
 - 13.1.1 Continental Company Information
 - 13.1.2 Continental VVT and Start-Stop Systems Product Portfolios and Specifications
 - 13.1.3 Continental VVT and Start-Stop Systems Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.1.4 Continental Main Business Overview
 - 13.1.5 Continental Latest Developments
- 13.2 Delphi Automotive
 - 13.2.1 Delphi Automotive Company Information
 - 13.2.2 Delphi Automotive VVT and Start-Stop Systems Product Portfolios and Specifications
 - 13.2.3 Delphi Automotive VVT and Start-Stop Systems Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.2.4 Delphi Automotive Main Business Overview
 - 13.2.5 Delphi Automotive Latest Developments
- 13.3 Denso
 - 13.3.1 Denso Company Information
 - 13.3.2 Denso VVT and Start-Stop Systems Product Portfolios and Specifications
 - 13.3.3 Denso VVT and Start-Stop Systems Sales, Revenue, Price and Gross Margin (2018-2023)

- 13.3.4 Denso Main Business Overview
- 13.3.5 Denso Latest Developments
- 13.4 Borgwarner
 - 13.4.1 Borgwarner Company Information
 - 13.4.2 Borgwarner VVT and Start-Stop Systems Product Portfolios and Specifications
 - 13.4.3 Borgwarner VVT and Start-Stop Systems Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.4.4 Borgwarner Main Business Overview
 - 13.4.5 Borgwarner Latest Developments
- 13.5 Valeo
 - 13.5.1 Valeo Company Information
 - 13.5.2 Valeo VVT and Start-Stop Systems Product Portfolios and Specifications
 - 13.5.3 Valeo VVT and Start-Stop Systems Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.5.4 Valeo Main Business Overview
 - 13.5.5 Valeo Latest Developments
- 13.6 Hitachi
 - 13.6.1 Hitachi Company Information
 - 13.6.2 Hitachi VVT and Start-Stop Systems Product Portfolios and Specifications
 - 13.6.3 Hitachi VVT and Start-Stop Systems Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.6.4 Hitachi Main Business Overview
 - 13.6.5 Hitachi Latest Developments
- 13.7 Aisin Seiki
 - 13.7.1 Aisin Seiki Company Information
 - 13.7.2 Aisin Seiki VVT and Start-Stop Systems Product Portfolios and Specifications
 - 13.7.3 Aisin Seiki VVT and Start-Stop Systems Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.7.4 Aisin Seiki Main Business Overview
 - 13.7.5 Aisin Seiki Latest Developments
- 13.8 Schaeffler
 - 13.8.1 Schaeffler Company Information
 - 13.8.2 Schaeffler VVT and Start-Stop Systems Product Portfolios and Specifications
 - 13.8.3 Schaeffler VVT and Start-Stop Systems Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.8.4 Schaeffler Main Business Overview
 - 13.8.5 Schaeffler Latest Developments
- 13.9 Mitsubishi Electric
 - 13.9.1 Mitsubishi Electric Company Information

13.9.2 Mitsubishi Electric VVT and Start-Stop Systems Product Portfolios and Specifications

13.9.3 Mitsubishi Electric VVT and Start-Stop Systems Sales, Revenue, Price and Gross Margin (2018-2023)

13.9.4 Mitsubishi Electric Main Business Overview

13.9.5 Mitsubishi Electric Latest Developments

13.10 Eaton

13.10.1 Eaton Company Information

13.10.2 Eaton VVT and Start-Stop Systems Product Portfolios and Specifications

13.10.3 Eaton VVT and Start-Stop Systems Sales, Revenue, Price and Gross Margin (2018-2023)

13.10.4 Eaton Main Business Overview

13.10.5 Eaton Latest Developments

13.11 Johnson

13.11.1 Johnson Company Information

13.11.2 Johnson VVT and Start-Stop Systems Product Portfolios and Specifications

13.11.3 Johnson VVT and Start-Stop Systems Sales, Revenue, Price and Gross Margin (2018-2023)

13.11.4 Johnson Main Business Overview

13.11.5 Johnson Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. VVT and Start-Stop Systems Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. VVT and Start-Stop Systems Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of Cam-Phasing

Table 4. Major Players of Cam-Phasing Plus Changing

Table 5. Major Players of BAS

Table 6. Major Players of Enhanced Starter

Table 7. Major Players of Direct Starter

Table 8. Major Players of ISG

Table 9. Global VVT and Start-Stop Systems Sales by Type (2018-2023) & (K Units)

Table 10. Global VVT and Start-Stop Systems Sales Market Share by Type (2018-2023)

Table 11. Global VVT and Start-Stop Systems Revenue by Type (2018-2023) & (\$ million)

Table 12. Global VVT and Start-Stop Systems Revenue Market Share by Type (2018-2023)

Table 13. Global VVT and Start-Stop Systems Sale Price by Type (2018-2023) & (USD/Unit)

Table 14. Global VVT and Start-Stop Systems Sales by Application (2018-2023) & (K Units)

Table 15. Global VVT and Start-Stop Systems Sales Market Share by Application (2018-2023)

Table 16. Global VVT and Start-Stop Systems Revenue by Application (2018-2023)

Table 17. Global VVT and Start-Stop Systems Revenue Market Share by Application (2018-2023)

Table 18. Global VVT and Start-Stop Systems Sale Price by Application (2018-2023) & (USD/Unit)

Table 19. Global VVT and Start-Stop Systems Sales by Company (2018-2023) & (K Units)

Table 20. Global VVT and Start-Stop Systems Sales Market Share by Company (2018-2023)

Table 21. Global VVT and Start-Stop Systems Revenue by Company (2018-2023) (\$ Millions)

Table 22. Global VVT and Start-Stop Systems Revenue Market Share by Company

(2018-2023)

Table 23. Global VVT and Start-Stop Systems Sale Price by Company (2018-2023) & (USD/Unit)

Table 24. Key Manufacturers VVT and Start-Stop Systems Producing Area Distribution and Sales Area

Table 25. Players VVT and Start-Stop Systems Products Offered

Table 26. VVT and Start-Stop Systems Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 27. New Products and Potential Entrants

Table 28. Mergers & Acquisitions, Expansion

Table 29. Global VVT and Start-Stop Systems Sales by Geographic Region (2018-2023) & (K Units)

Table 30. Global VVT and Start-Stop Systems Sales Market Share Geographic Region (2018-2023)

Table 31. Global VVT and Start-Stop Systems Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 32. Global VVT and Start-Stop Systems Revenue Market Share by Geographic Region (2018-2023)

Table 33. Global VVT and Start-Stop Systems Sales by Country/Region (2018-2023) & (K Units)

Table 34. Global VVT and Start-Stop Systems Sales Market Share by Country/Region (2018-2023)

Table 35. Global VVT and Start-Stop Systems Revenue by Country/Region (2018-2023) & (\$ millions)

Table 36. Global VVT and Start-Stop Systems Revenue Market Share by Country/Region (2018-2023)

Table 37. Americas VVT and Start-Stop Systems Sales by Country (2018-2023) & (K Units)

Table 38. Americas VVT and Start-Stop Systems Sales Market Share by Country (2018-2023)

Table 39. Americas VVT and Start-Stop Systems Revenue by Country (2018-2023) & (\$ Millions)

Table 40. Americas VVT and Start-Stop Systems Revenue Market Share by Country (2018-2023)

Table 41. Americas VVT and Start-Stop Systems Sales by Type (2018-2023) & (K Units)

Table 42. Americas VVT and Start-Stop Systems Sales by Application (2018-2023) & (K Units)

Table 43. APAC VVT and Start-Stop Systems Sales by Region (2018-2023) & (K Units)

- Table 44. APAC VVT and Start-Stop Systems Sales Market Share by Region (2018-2023)
- Table 45. APAC VVT and Start-Stop Systems Revenue by Region (2018-2023) & (\$ Millions)
- Table 46. APAC VVT and Start-Stop Systems Revenue Market Share by Region (2018-2023)
- Table 47. APAC VVT and Start-Stop Systems Sales by Type (2018-2023) & (K Units)
- Table 48. APAC VVT and Start-Stop Systems Sales by Application (2018-2023) & (K Units)
- Table 49. Europe VVT and Start-Stop Systems Sales by Country (2018-2023) & (K Units)
- Table 50. Europe VVT and Start-Stop Systems Sales Market Share by Country (2018-2023)
- Table 51. Europe VVT and Start-Stop Systems Revenue by Country (2018-2023) & (\$ Millions)
- Table 52. Europe VVT and Start-Stop Systems Revenue Market Share by Country (2018-2023)
- Table 53. Europe VVT and Start-Stop Systems Sales by Type (2018-2023) & (K Units)
- Table 54. Europe VVT and Start-Stop Systems Sales by Application (2018-2023) & (K Units)
- Table 55. Middle East & Africa VVT and Start-Stop Systems Sales by Country (2018-2023) & (K Units)
- Table 56. Middle East & Africa VVT and Start-Stop Systems Sales Market Share by Country (2018-2023)
- Table 57. Middle East & Africa VVT and Start-Stop Systems Revenue by Country (2018-2023) & (\$ Millions)
- Table 58. Middle East & Africa VVT and Start-Stop Systems Revenue Market Share by Country (2018-2023)
- Table 59. Middle East & Africa VVT and Start-Stop Systems Sales by Type (2018-2023) & (K Units)
- Table 60. Middle East & Africa VVT and Start-Stop Systems Sales by Application (2018-2023) & (K Units)
- Table 61. Key Market Drivers & Growth Opportunities of VVT and Start-Stop Systems
- Table 62. Key Market Challenges & Risks of VVT and Start-Stop Systems
- Table 63. Key Industry Trends of VVT and Start-Stop Systems
- Table 64. VVT and Start-Stop Systems Raw Material
- Table 65. Key Suppliers of Raw Materials
- Table 66. VVT and Start-Stop Systems Distributors List
- Table 67. VVT and Start-Stop Systems Customer List

Table 68. Global VVT and Start-Stop Systems Sales Forecast by Region (2024-2029) & (K Units)

Table 69. Global VVT and Start-Stop Systems Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 70. Americas VVT and Start-Stop Systems Sales Forecast by Country (2024-2029) & (K Units)

Table 71. Americas VVT and Start-Stop Systems Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 72. APAC VVT and Start-Stop Systems Sales Forecast by Region (2024-2029) & (K Units)

Table 73. APAC VVT and Start-Stop Systems Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 74. Europe VVT and Start-Stop Systems Sales Forecast by Country (2024-2029) & (K Units)

Table 75. Europe VVT and Start-Stop Systems Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 76. Middle East & Africa VVT and Start-Stop Systems Sales Forecast by Country (2024-2029) & (K Units)

Table 77. Middle East & Africa VVT and Start-Stop Systems Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 78. Global VVT and Start-Stop Systems Sales Forecast by Type (2024-2029) & (K Units)

Table 79. Global VVT and Start-Stop Systems Revenue Forecast by Type (2024-2029) & (\$ Millions)

Table 80. Global VVT and Start-Stop Systems Sales Forecast by Application (2024-2029) & (K Units)

Table 81. Global VVT and Start-Stop Systems Revenue Forecast by Application (2024-2029) & (\$ Millions)

Table 82. Continental Basic Information, VVT and Start-Stop Systems Manufacturing Base, Sales Area and Its Competitors

Table 83. Continental VVT and Start-Stop Systems Product Portfolios and Specifications

Table 84. Continental VVT and Start-Stop Systems Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 85. Continental Main Business

Table 86. Continental Latest Developments

Table 87. Delphi Automotive Basic Information, VVT and Start-Stop Systems Manufacturing Base, Sales Area and Its Competitors

Table 88. Delphi Automotive VVT and Start-Stop Systems Product Portfolios and

Specifications

Table 89. Delphi Automotive VVT and Start-Stop Systems Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 90. Delphi Automotive Main Business

Table 91. Delphi Automotive Latest Developments

Table 92. Denso Basic Information, VVT and Start-Stop Systems Manufacturing Base, Sales Area and Its Competitors

Table 93. Denso VVT and Start-Stop Systems Product Portfolios and Specifications

Table 94. Denso VVT and Start-Stop Systems Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 95. Denso Main Business

Table 96. Denso Latest Developments

Table 97. Borgwarner Basic Information, VVT and Start-Stop Systems Manufacturing Base, Sales Area and Its Competitors

Table 98. Borgwarner VVT and Start-Stop Systems Product Portfolios and Specifications

Table 99. Borgwarner VVT and Start-Stop Systems Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 100. Borgwarner Main Business

Table 101. Borgwarner Latest Developments

Table 102. Valeo Basic Information, VVT and Start-Stop Systems Manufacturing Base, Sales Area and Its Competitors

Table 103. Valeo VVT and Start-Stop Systems Product Portfolios and Specifications

Table 104. Valeo VVT and Start-Stop Systems Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 105. Valeo Main Business

Table 106. Valeo Latest Developments

Table 107. Hitachi Basic Information, VVT and Start-Stop Systems Manufacturing Base, Sales Area and Its Competitors

Table 108. Hitachi VVT and Start-Stop Systems Product Portfolios and Specifications

Table 109. Hitachi VVT and Start-Stop Systems Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 110. Hitachi Main Business

Table 111. Hitachi Latest Developments

Table 112. Aisin Seiki Basic Information, VVT and Start-Stop Systems Manufacturing Base, Sales Area and Its Competitors

Table 113. Aisin Seiki VVT and Start-Stop Systems Product Portfolios and Specifications

Table 114. Aisin Seiki VVT and Start-Stop Systems Sales (K Units), Revenue (\$

Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 115. Aisin Seiki Main Business

Table 116. Aisin Seiki Latest Developments

Table 117. Schaeffler Basic Information, VVT and Start-Stop Systems Manufacturing Base, Sales Area and Its Competitors

Table 118. Schaeffler VVT and Start-Stop Systems Product Portfolios and Specifications

Table 119. Schaeffler VVT and Start-Stop Systems Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 120. Schaeffler Main Business

Table 121. Schaeffler Latest Developments

Table 122. Mitsubishi Electric Basic Information, VVT and Start-Stop Systems Manufacturing Base, Sales Area and Its Competitors

Table 123. Mitsubishi Electric VVT and Start-Stop Systems Product Portfolios and Specifications

Table 124. Mitsubishi Electric VVT and Start-Stop Systems Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 125. Mitsubishi Electric Main Business

Table 126. Mitsubishi Electric Latest Developments

Table 127. Eaton Basic Information, VVT and Start-Stop Systems Manufacturing Base, Sales Area and Its Competitors

Table 128. Eaton VVT and Start-Stop Systems Product Portfolios and Specifications

Table 129. Eaton VVT and Start-Stop Systems Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 130. Eaton Main Business

Table 131. Eaton Latest Developments

Table 132. Johnson Basic Information, VVT and Start-Stop Systems Manufacturing Base, Sales Area and Its Competitors

Table 133. Johnson VVT and Start-Stop Systems Product Portfolios and Specifications

Table 134. Johnson VVT and Start-Stop Systems Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 135. Johnson Main Business

Table 136. Johnson Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of VVT and Start-Stop Systems
- Figure 2. VVT and Start-Stop Systems Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global VVT and Start-Stop Systems Sales Growth Rate 2018-2029 (K Units)
- Figure 7. Global VVT and Start-Stop Systems Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. VVT and Start-Stop Systems Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of Cam-Phasing
- Figure 10. Product Picture of Cam-Phasing Plus Changing
- Figure 11. Product Picture of BAS
- Figure 12. Product Picture of Enhanced Starter
- Figure 13. Product Picture of Direct Starter
- Figure 14. Product Picture of ISG
- Figure 15. Global VVT and Start-Stop Systems Sales Market Share by Type in 2022
- Figure 16. Global VVT and Start-Stop Systems Revenue Market Share by Type (2018-2023)
- Figure 17. VVT and Start-Stop Systems Consumed in Passenger
- Figure 18. Global VVT and Start-Stop Systems Market: Passenger (2018-2023) & (K Units)
- Figure 19. VVT and Start-Stop Systems Consumed in Commercial
- Figure 20. Global VVT and Start-Stop Systems Market: Commercial (2018-2023) & (K Units)
- Figure 21. Global VVT and Start-Stop Systems Sales Market Share by Application (2022)
- Figure 22. Global VVT and Start-Stop Systems Revenue Market Share by Application in 2022
- Figure 23. VVT and Start-Stop Systems Sales Market by Company in 2022 (K Units)
- Figure 24. Global VVT and Start-Stop Systems Sales Market Share by Company in 2022
- Figure 25. VVT and Start-Stop Systems Revenue Market by Company in 2022 (\$ Million)
- Figure 26. Global VVT and Start-Stop Systems Revenue Market Share by Company in

2022

Figure 27. Global VVT and Start-Stop Systems Sales Market Share by Geographic Region (2018-2023)

Figure 28. Global VVT and Start-Stop Systems Revenue Market Share by Geographic Region in 2022

Figure 29. Americas VVT and Start-Stop Systems Sales 2018-2023 (K Units)

Figure 30. Americas VVT and Start-Stop Systems Revenue 2018-2023 (\$ Millions)

Figure 31. APAC VVT and Start-Stop Systems Sales 2018-2023 (K Units)

Figure 32. APAC VVT and Start-Stop Systems Revenue 2018-2023 (\$ Millions)

Figure 33. Europe VVT and Start-Stop Systems Sales 2018-2023 (K Units)

Figure 34. Europe VVT and Start-Stop Systems Revenue 2018-2023 (\$ Millions)

Figure 35. Middle East & Africa VVT and Start-Stop Systems Sales 2018-2023 (K Units)

Figure 36. Middle East & Africa VVT and Start-Stop Systems Revenue 2018-2023 (\$ Millions)

Figure 37. Americas VVT and Start-Stop Systems Sales Market Share by Country in 2022

Figure 38. Americas VVT and Start-Stop Systems Revenue Market Share by Country in 2022

Figure 39. Americas VVT and Start-Stop Systems Sales Market Share by Type (2018-2023)

Figure 40. Americas VVT and Start-Stop Systems Sales Market Share by Application (2018-2023)

Figure 41. United States VVT and Start-Stop Systems Revenue Growth 2018-2023 (\$ Millions)

Figure 42. Canada VVT and Start-Stop Systems Revenue Growth 2018-2023 (\$ Millions)

Figure 43. Mexico VVT and Start-Stop Systems Revenue Growth 2018-2023 (\$ Millions)

Figure 44. Brazil VVT and Start-Stop Systems Revenue Growth 2018-2023 (\$ Millions)

Figure 45. APAC VVT and Start-Stop Systems Sales Market Share by Region in 2022

Figure 46. APAC VVT and Start-Stop Systems Revenue Market Share by Regions in 2022

Figure 47. APAC VVT and Start-Stop Systems Sales Market Share by Type (2018-2023)

Figure 48. APAC VVT and Start-Stop Systems Sales Market Share by Application (2018-2023)

Figure 49. China VVT and Start-Stop Systems Revenue Growth 2018-2023 (\$ Millions)

Figure 50. Japan VVT and Start-Stop Systems Revenue Growth 2018-2023 (\$ Millions)

Figure 51. South Korea VVT and Start-Stop Systems Revenue Growth 2018-2023 (\$ Millions)

Figure 52. Southeast Asia VVT and Start-Stop Systems Revenue Growth 2018-2023 (\$ Millions)

Figure 53. India VVT and Start-Stop Systems Revenue Growth 2018-2023 (\$ Millions)

Figure 54. Australia VVT and Start-Stop Systems Revenue Growth 2018-2023 (\$ Millions)

Figure 55. China Taiwan VVT and Start-Stop Systems Revenue Growth 2018-2023 (\$ Millions)

Figure 56. Europe VVT and Start-Stop Systems Sales Market Share by Country in 2022

Figure 57. Europe VVT and Start-Stop Systems Revenue Market Share by Country in 2022

Figure 58. Europe VVT and Start-Stop Systems Sales Market Share by Type (2018-2023)

Figure 59. Europe VVT and Start-Stop Systems Sales Market Share by Application (2018-2023)

Figure 60. Germany VVT and Start-Stop Systems Revenue Growth 2018-2023 (\$ Millions)

Figure 61. France VVT and Start-Stop Systems Revenue Growth 2018-2023 (\$ Millions)

Figure 62. UK VVT and Start-Stop Systems Revenue Growth 2018-2023 (\$ Millions)

Figure 63. Italy VVT and Start-Stop Systems Revenue Growth 2018-2023 (\$ Millions)

Figure 64. Russia VVT and Start-Stop Systems Revenue Growth 2018-2023 (\$ Millions)

Figure 65. Middle East & Africa VVT and Start-Stop Systems Sales Market Share by Country in 2022

Figure 66. Middle East & Africa VVT and Start-Stop Systems Revenue Market Share by Country in 2022

Figure 67. Middle East & Africa VVT and Start-Stop Systems Sales Market Share by Type (2018-2023)

Figure 68. Middle East & Africa VVT and Start-Stop Systems Sales Market Share by Application (2018-2023)

Figure 69. Egypt VVT and Start-Stop Systems Revenue Growth 2018-2023 (\$ Millions)

Figure 70. South Africa VVT and Start-Stop Systems Revenue Growth 2018-2023 (\$ Millions)

Figure 71. Israel VVT and Start-Stop Systems Revenue Growth 2018-2023 (\$ Millions)

Figure 72. Turkey VVT and Start-Stop Systems Revenue Growth 2018-2023 (\$ Millions)

Figure 73. GCC Country VVT and Start-Stop Systems Revenue Growth 2018-2023 (\$ Millions)

Figure 74. Manufacturing Cost Structure Analysis of VVT and Start-Stop Systems in 2022

Figure 75. Manufacturing Process Analysis of VVT and Start-Stop Systems

Figure 76. Industry Chain Structure of VVT and Start-Stop Systems

Figure 77. Channels of Distribution

Figure 78. Global VVT and Start-Stop Systems Sales Market Forecast by Region (2024-2029)

Figure 79. Global VVT and Start-Stop Systems Revenue Market Share Forecast by Region (2024-2029)

Figure 80. Global VVT and Start-Stop Systems Sales Market Share Forecast by Type (2024-2029)

Figure 81. Global VVT and Start-Stop Systems Revenue Market Share Forecast by Type (2024-2029)

Figure 82. Global VVT and Start-Stop Systems Sales Market Share Forecast by Application (2024-2029)

Figure 83. Global VVT and Start-Stop Systems Revenue Market Share Forecast by Application (2024-2029)

I would like to order

Product name: Global VVT and Start-Stop Systems Market Growth 2023-2029

Product link: <https://marketpublishers.com/r/GC7D79D98BDEN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GC7D79D98BDEN.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