

Autonomous Train Component Market Research Report by Train Type (Long-Distance Train, Monorail, Suburban, Subway or Metro, and Tram), by Grade (GoA1, GoA2, GoA3, and GoA4), by Component - Global Forecast to 2025 - Cumulative Impact of COVID-19

<https://marketpublishers.com/r/A2E08F3311A3EN.html>

Date: February 2021

Pages: 192

Price: US\$ 3,949.00 (Single User License)

ID: A2E08F3311A3EN

Abstracts

Market Statistics:

The report provides market sizing and forecast across five major currencies - USD, EUR GBP, JPY, and AUD. This helps organization leaders make better decisions when currency exchange data is readily available.

1. The Global Autonomous Train Component Market is expected to grow from USD 1,117.70 Million in 2020 to USD 1,815.91 Million by the end of 2025.
2. The Global Autonomous Train Component Market is expected to grow from EUR 980.02 Million in 2020 to EUR 1,592.23 Million by the end of 2025.
3. The Global Autonomous Train Component Market is expected to grow from GBP 871.24 Million in 2020 to GBP 1,415.49 Million by the end of 2025.
4. The Global Autonomous Train Component Market is expected to grow from JPY 119,287.28 Million in 2020 to JPY 193,804.33 Million by the end of 2025.
5. The Global Autonomous Train Component Market is expected to grow from AUD 1,623.05 Million in 2020 to AUD 2,636.95 Million by the end of 2025.

Market Segmentation & Coverage:

This research report categorizes the Autonomous Train Component to forecast the revenues and analyze the trends in each of the following sub-markets:

Based on Train Type, the Autonomous Train Component Market studied across Long-Distance Train, Monorail, Suburban, Subway or Metro, and Tram.

Based on Grade, the Autonomous Train Component Market studied across GoA1, GoA2, GoA3, and GoA4.

Based on Component, the Autonomous Train Component Market studied across Infrared Camera, LiDAR Module, Optical Sensor and Camera, and RADAR Module.

Based on Geography, the Autonomous Train Component Market studied across Americas, Asia-Pacific, and Europe, Middle East & Africa. The Americas region surveyed across Argentina, Brazil, Canada, Mexico, and United States. The Asia-Pacific region surveyed across Australia, China, India, Indonesia, Japan, Malaysia, Philippines, South Korea, and Thailand. The Europe, Middle East & Africa region surveyed across France, Germany, Italy, Netherlands, Qatar, Russia, Saudi Arabia, South Africa, Spain, United Arab Emirates, and United Kingdom.

Company Usability Profiles:

The report deeply explores the recent significant developments by the leading vendors and innovation profiles in the Global Autonomous Train Component Market including ABB Ltd, AGCO Corporation, Alstom S.A., Autonomous Solutions, Inc., Continental AG, Denso Corporation, General Electric Company, General Electric Company, Hitachi Ltd, Honeywell International Inc., Kawasaki Heavy Industries Ltd., Robert Bosch GmbH, SIEMENS AG, Unity Technologies, Wabtec Corporation, YANMAR HOLDINGS CO., LTD., and ZF Friedrichshafen AG.

Cumulative Impact of COVID-19:

COVID-19 is an incomparable global public health emergency that has affected almost every industry, so far and, the long-term effects projected to impact the industry growth during the forecast period. Our ongoing research amplifies our research framework to ensure the inclusion of underlying COVID-19 issues and potential paths forward. The report is delivering insights on COVID-19 considering the changes in consumer behavior and demand, purchasing patterns, re-routing of the supply chain, dynamics of current market forces, and the significant interventions of governments. The updated study provides insights, analysis, estimations, and forecast, considering the COVID-19 impact on the market.

360iResearch FPNV Positioning Matrix:

The 360iResearch FPNV Positioning Matrix evaluates and categorizes the vendors in

the Autonomous Train Component Market on the basis of Business Strategy (Business Growth, Industry Coverage, Financial Viability, and Channel Support) and Product Satisfaction (Value for Money, Ease of Use, Product Features, and Customer Support) that aids businesses in better decision making and understanding the competitive landscape.

360iResearch Competitive Strategic Window:

The 360iResearch Competitive Strategic Window analyses the competitive landscape in terms of markets, applications, and geographies. The 360iResearch Competitive Strategic Window helps the vendor define an alignment or fit between their capabilities and opportunities for future growth prospects. During a forecast period, it defines the optimal or favorable fit for the vendors to adopt successive merger and acquisition strategies, geography expansion, research & development, and new product introduction strategies to execute further business expansion and growth.

The report provides insights on the following pointers:

1. Market Penetration: Provides comprehensive information on the market offered by the key players
2. Market Development: Provides in-depth information about lucrative emerging markets and analyzes the markets
3. Market Diversification: Provides detailed information about new product launches, untapped geographies, recent developments, and investments
4. Competitive Assessment & Intelligence: Provides an exhaustive assessment of market shares, strategies, products, and manufacturing capabilities of the leading players
5. Product Development & Innovation: Provides intelligent insights on future technologies, R&D activities, and new product developments

The report answers questions such as:

1. What is the market size and forecast of the Global Autonomous Train Component Market?
2. What are the inhibiting factors and impact of COVID-19 shaping the Global Autonomous Train Component Market during the forecast period?
3. Which are the products/segments/applications/areas to invest in over the forecast period in the Global Autonomous Train Component Market?
4. What is the competitive strategic window for opportunities in the Global Autonomous Train Component Market?
5. What are the technology trends and regulatory frameworks in the Global Autonomous Train Component Market?

6. What are the modes and strategic moves considered suitable for entering the Global Autonomous Train Component Market?

Contents

1. PREFACE

- 1.1. Objectives of the Study
- 1.2. Market Segmentation & Coverage
- 1.3. Years Considered for the Study
- 1.4. Currency & Pricing
- 1.5. Language
- 1.6. Limitations
- 1.7. Stakeholders

2. RESEARCH METHODOLOGY

- 2.1. Research Process
 - 2.1.1. Define: Research Objective
 - 2.1.2. Determine: Research Design
 - 2.1.3. Prepare: Research Instrument
 - 2.1.4. Collect: Data Source
 - 2.1.5. Analyze: Data Interpretation
 - 2.1.6. Formulate: Data Verification
 - 2.1.7. Publish: Research Report
 - 2.1.8. Repeat: Report Update
- 2.2. Research Execution
 - 2.2.1. Initiation: Research Process
 - 2.2.2. Planning: Develop Research Plan
 - 2.2.3. Execution: Conduct Research
 - 2.2.4. Verification: Finding & Analysis
 - 2.2.5. Publication: Research Report
- 2.3. Research Outcome

3. EXECUTIVE SUMMARY

- 3.1. Introduction
- 3.2. Market Outlook
- 3.3. Train Type Outlook
- 3.4. Grade Outlook
- 3.5. Component Outlook
- 3.6. Geography Outlook

3.7. Competitor Outlook

4. MARKET OVERVIEW

4.1. Introduction

4.2. Cumulative Impact of COVID-19

5. MARKET INSIGHTS

5.1. Market Dynamics

5.1.1. Drivers

5.1.1.1. Increased demand for safety and service benefits for passengers

5.1.1.2. Rise in railway developments

5.1.1.3. Increasing investment in metro and monorail infrastructure

5.1.2. Restraints

5.1.2.1. Lack of required infrastructure support in many developing countries

5.1.3. Opportunities

5.1.3.1. Growing rail traffic with increasing consumer needs

5.1.3.2. Increasing investment in smart rail projects

5.1.4. Challenges

5.1.4.1. Risk of train component malfunction

5.2. Porters Five Forces Analysis

5.2.1. Threat of New Entrants

5.2.2. Threat of Substitutes

5.2.3. Bargaining Power of Customers

5.2.4. Bargaining Power of Suppliers

5.2.5. Industry Rivalry

6. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET, BY TRAIN TYPE

6.1. Introduction

6.2. Long-Distance Train

6.3. Monorail

6.4. Suburban

6.5. Subway or Metro

6.6. Tram

7. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET, BY GRADE

- 7.1. Introduction
- 7.2. GoA1
- 7.3. GoA2
- 7.4. GoA3
- 7.5. GoA4

8. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET, BY COMPONENT

- 8.1. Introduction
- 8.2. Infrared Camera
- 8.3. LiDAR Module
- 8.4. Optical Sensor and Camera
- 8.5. RADAR Module

9. AMERICAS AUTONOMOUS TRAIN COMPONENT MARKET

- 9.1. Introduction
- 9.2. Argentina
- 9.3. Brazil
- 9.4. Canada
- 9.5. Mexico
- 9.6. United States

10. ASIA-PACIFIC AUTONOMOUS TRAIN COMPONENT MARKET

- 10.1. Introduction
- 10.2. Australia
- 10.3. China
- 10.4. India
- 10.5. Indonesia
- 10.6. Japan
- 10.7. Malaysia
- 10.8. Philippines
- 10.9. South Korea
- 10.10. Thailand

11. EUROPE, MIDDLE EAST & AFRICA AUTONOMOUS TRAIN COMPONENT MARKET

- 11.1. Introduction
- 11.2. France
- 11.3. Germany
- 11.4. Italy
- 11.5. Netherlands
- 11.6. Qatar
- 11.7. Russia
- 11.8. Saudi Arabia
- 11.9. South Africa
- 11.10. Spain
- 11.11. United Arab Emirates
- 11.12. United Kingdom

12. COMPETITIVE LANDSCAPE

- 12.1. FPNV Positioning Matrix
 - 12.1.1. Quadrants
 - 12.1.2. Business Strategy
 - 12.1.3. Product Satisfaction
- 12.2. Market Ranking Analysis
- 12.3. Market Share Analysis
- 12.4. Competitor SWOT Analysis
- 12.5. Competitive Scenario
 - 12.5.1. Merger & Acquisition
 - 12.5.2. Agreement, Collaboration, & Partnership
 - 12.5.3. New Product Launch & Enhancement
 - 12.5.4. Investment & Funding
 - 12.5.5. Award, Recognition, & Expansion

13. COMPANY USABILITY PROFILES

- 13.1. ABB Ltd
- 13.2. AGCO Corporation
- 13.3. Alstom S.A.
- 13.4. Autonomous Solutions, Inc.
- 13.5. Continental AG
- 13.6. Denso Corporation
- 13.7. General Electric Company
- 13.8. General Electric Company

- 13.9. Hitachi Ltd
- 13.10. Honeywell International Inc.
- 13.11. Kawasaki Heavy Industries Ltd.
- 13.12. Robert Bosch GmbH
- 13.13. SIEMENS AG
- 13.14. Unity Technologies
- 13.15. Wabtec Corporation
- 13.16. YANMAR HOLDINGS CO., LTD.
- 13.17. ZF Friedrichshafen AG

14. APPENDIX

- 14.1. Discussion Guide
- 14.2. License & Pricing

List Of Tables

LIST OF TABLES

TABLE 1. CURRENCY CONVERSION RATES

TABLE 2. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 3. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 4. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 5. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY LONG-DISTANCE TRAIN, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 6. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY MONORAIL, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 7. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY SUBURBAN, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 8. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY SUBWAY OR METRO, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 9. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAM, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 10. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 11. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GOA1, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 12. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GOA2, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 13. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GOA3, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 14. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GOA4, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 15. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 16. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY INFRARED CAMERA, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 17. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY LIDAR MODULE, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 18. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY OPTICAL SENSOR AND CAMERA, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 19. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY RADAR MODULE, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 20. AMERICAS AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 21. AMERICAS AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 22. AMERICAS AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 23. AMERICAS AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 24. ARGENTINA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 25. ARGENTINA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 26. ARGENTINA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 27. BRAZIL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 28. BRAZIL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 29. BRAZIL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 30. CANADA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 31. CANADA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 32. CANADA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 33. MEXICO AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 34. MEXICO AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 35. MEXICO AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 36. UNITED STATES AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 37. UNITED STATES AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 38. UNITED STATES AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 39. ASIA-PACIFIC AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 40. ASIA-PACIFIC AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 41. ASIA-PACIFIC AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 42. ASIA-PACIFIC AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 43. AUSTRALIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 44. AUSTRALIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 45. AUSTRALIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 46. CHINA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 47. CHINA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 48. CHINA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 49. INDIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 50. INDIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 51. INDIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 52. INDONESIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 53. INDONESIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 54. INDONESIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 55. JAPAN AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 56. JAPAN AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE,

2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 57. JAPAN AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 58. MALAYSIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 59. MALAYSIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 60. MALAYSIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 61. PHILIPPINES AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 62. PHILIPPINES AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 63. PHILIPPINES AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 64. SOUTH KOREA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 65. SOUTH KOREA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 66. SOUTH KOREA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 67. THAILAND AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 68. THAILAND AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 69. THAILAND AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 70. EUROPE, MIDDLE EAST & AFRICA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 71. EUROPE, MIDDLE EAST & AFRICA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 72. EUROPE, MIDDLE EAST & AFRICA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 73. EUROPE, MIDDLE EAST & AFRICA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 74. FRANCE AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 75. FRANCE AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 76. FRANCE AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 77. GERMANY AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 78. GERMANY AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 79. GERMANY AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 80. ITALY AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 81. ITALY AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 82. ITALY AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 83. NETHERLANDS AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 84. NETHERLANDS AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 85. NETHERLANDS AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 86. QATAR AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 87. QATAR AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 88. QATAR AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 89. RUSSIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 90. RUSSIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 91. RUSSIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 92. SAUDI ARABIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 93. SAUDI ARABIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY

GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 94. SAUDI ARABIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 95. SOUTH AFRICA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 96. SOUTH AFRICA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 97. SOUTH AFRICA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 98. SPAIN AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 99. SPAIN AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 100. SPAIN AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 101. UNITED ARAB EMIRATES AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 102. UNITED ARAB EMIRATES AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 103. UNITED ARAB EMIRATES AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 104. UNITED KINGDOM AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 105. UNITED KINGDOM AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 106. UNITED KINGDOM AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2018-2025 (USD/EUR/GBP/JPY/AUD MILLION)

TABLE 107. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET: SCORES

TABLE 108. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET: BUSINESS STRATEGY

TABLE 109. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET: PRODUCT SATISFACTION

TABLE 110. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET: RANKING

TABLE 111. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET: MERGER & ACQUISITION

TABLE 112. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET: AGREEMENT, COLLABORATION, & PARTNERSHIP

TABLE 113. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET: NEW PRODUCT LAUNCH & ENHANCEMENT

TABLE 114. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET: INVESTMENT & FUNDING

TABLE 115. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET: AWARD, RECOGNITION, & EXPANSION

TABLE 116. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET: LICENSE & PRICING

List Of Figures

LIST OF FIGURES

FIGURE 1. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET: RESEARCH PROCESS

FIGURE 2. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET: RESEARCH EXECUTION

FIGURE 3. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, 2020 VS 2025 (USD MILLION)

FIGURE 4. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2020 (USD MILLION)

FIGURE 5. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2020 (USD MILLION)

FIGURE 6. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2020 (USD MILLION)

FIGURE 7. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2020 (USD MILLION)

FIGURE 8. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, 2018-2025 (USD MILLION)

FIGURE 9. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2020 VS 2025 (%)

FIGURE 10. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2020 VS 2025 (USD MILLION)

FIGURE 11. COMPETITIVE STRATEGIC WINDOW FOR GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2025

FIGURE 12. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET: MARKET DYNAMICS

FIGURE 13. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET: PORTERS FIVE FORCES ANALYSIS

FIGURE 14. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2020 VS 2025 (%)

FIGURE 15. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2020 VS 2025 (USD MILLION)

FIGURE 16. COMPETITIVE STRATEGIC WINDOW FOR GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAIN TYPE, 2025

FIGURE 17. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY LONG-DISTANCE TRAIN, 2020 VS 2025 (USD MILLION)

FIGURE 18. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY

MONORAIL, 2020 VS 2025 (USD MILLION)

FIGURE 19. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY SUBURBAN, 2020 VS 2025 (USD MILLION)

FIGURE 20. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY SUBWAY OR METRO, 2020 VS 2025 (USD MILLION)

FIGURE 21. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY TRAM, 2020 VS 2025 (USD MILLION)

FIGURE 22. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2020 VS 2025 (%)

FIGURE 23. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2020 VS 2025 (USD MILLION)

FIGURE 24. COMPETITIVE STRATEGIC WINDOW FOR GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GRADE, 2025

FIGURE 25. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GOA1, 2020 VS 2025 (USD MILLION)

FIGURE 26. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GOA2, 2020 VS 2025 (USD MILLION)

FIGURE 27. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GOA3, 2020 VS 2025 (USD MILLION)

FIGURE 28. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GOA4, 2020 VS 2025 (USD MILLION)

FIGURE 29. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2020 VS 2025 (%)

FIGURE 30. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2020 VS 2025 (USD MILLION)

FIGURE 31. COMPETITIVE STRATEGIC WINDOW FOR GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY COMPONENT, 2025

FIGURE 32. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY INFRARED CAMERA, 2020 VS 2025 (USD MILLION)

FIGURE 33. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY LIDAR MODULE, 2020 VS 2025 (USD MILLION)

FIGURE 34. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY OPTICAL SENSOR AND CAMERA, 2020 VS 2025 (USD MILLION)

FIGURE 35. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY RADAR MODULE, 2020 VS 2025 (USD MILLION)

FIGURE 36. AMERICAS AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2020 VS 2025 (%)

FIGURE 37. AMERICAS AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2020 VS 2025 (USD MILLION)

FIGURE 38. COMPETITIVE STRATEGIC WINDOW FOR AMERICAS AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2025

FIGURE 39. ARGENTINA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 40. BRAZIL AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 41. CANADA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 42. MEXICO AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 43. UNITED STATES AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 44. ASIA-PACIFIC AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2020 VS 2025 (%)

FIGURE 45. ASIA-PACIFIC AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2020 VS 2025 (USD MILLION)

FIGURE 46. COMPETITIVE STRATEGIC WINDOW FOR ASIA-PACIFIC AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2025

FIGURE 47. AUSTRALIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 48. CHINA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 49. INDIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 50. INDONESIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 51. JAPAN AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 52. MALAYSIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 53. PHILIPPINES AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 54. SOUTH KOREA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 55. THAILAND AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 56. EUROPE, MIDDLE EAST & AFRICA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2020 VS 2025 (%)

FIGURE 57. EUROPE, MIDDLE EAST & AFRICA AUTONOMOUS TRAIN

COMPONENT MARKET SIZE, BY GEOGRAPHY, 2020 VS 2025 (USD MILLION)

FIGURE 58. COMPETITIVE STRATEGIC WINDOW FOR EUROPE, MIDDLE EAST & AFRICA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2025

FIGURE 59. FRANCE AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 60. GERMANY AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 61. ITALY AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 62. NETHERLANDS AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 63. QATAR AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 64. RUSSIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 65. SAUDI ARABIA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 66. SOUTH AFRICA AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 67. SPAIN AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 68. UNITED ARAB EMIRATES AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 69. UNITED KINGDOM AUTONOMOUS TRAIN COMPONENT MARKET SIZE, BY GEOGRAPHY, 2018-2025 (USD MILLION)

FIGURE 70. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET:
360IRESEARCH FPNV POSITIONING MATRIX

FIGURE 71. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET:
360IRESEARCH MARKET SHARE ANALYSIS

FIGURE 72. GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET:
COMPETITOR SWOT ANALYSIS

FIGURE 73. COMPETITIVE SCENARIO ANALYSIS IN GLOBAL AUTONOMOUS TRAIN COMPONENT MARKET, BY TYPE

I would like to order

Product name: Autonomous Train Component Market Research Report by Train Type (Long-Distance Train, Monorail, Suburban, Subway or Metro, and Tram), by Grade (GoA1, GoA2, GoA3, and GoA4), by Component - Global Forecast to 2025 - Cumulative Impact of COVID-19

Product link: <https://marketpublishers.com/r/A2E08F3311A3EN.html>

Price: US\$ 3,949.00 (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/A2E08F3311A3EN.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