

Global Railway Air Brake Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Railway Air Brake market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

A railway air brake is a power braking system with compressed air as the operating medium. It is used on trains to provide a reliable and effective means of controlling the speed and stopping power of both freight and passenger cars. The air brake system was invented by George Westinghouse in the late 19th century, revolutionizing train safety with a fail-safe system that could apply brakes simultaneously on all cars of a train.

The Global Info Research report includes an overview of the development of the Railway Air Brake industry chain, the market status of Freight Trains (Single-Pipe Air Brake, Two-Pipe Air Brake), Passenger Trains (Single-Pipe Air Brake, Two-Pipe Air Brake), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Railway Air Brake.

Regionally, the report analyzes the Railway Air Brake markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Railway Air Brake market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Railway Air Brake market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Railway Air Brake industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Single-Pipe Air Brake, Two-Pipe Air Brake).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Railway Air Brake market.

Regional Analysis: The report involves examining the Railway Air Brake market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Railway Air Brake market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Railway Air Brake:

Company Analysis: Report covers individual Railway Air Brake manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Railway Air Brake This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Freight Trains, Passenger Trains).

Technology Analysis: Report covers specific technologies relevant to Railway Air Brake.

It assesses the current state, advancements, and potential future developments in Railway Air Brake areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Railway Air Brake market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Railway Air Brake market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Single-Pipe Air Brake

Two-Pipe Air Brake

Market segment by Application

Freight Trains

Passenger Trains

Subway and Metro Systems

Light Rail and Trams

Major players covered

Knorr-Bremse AG

Wabtec Corporation

New York Air Brake

Nabtesco Corporation

Faiveley Transport

Haldex Brake Products Corporation

Federal-Mogul Corporation

Merak-Jinxin Air Brake Company

Escorts Limited

Dellner Brakes AB

MATISA Matériel Industriel S.A.

SAB WABCO

CRRC Corporation Limited (CRRC)

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Railway Air Brake product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Railway Air Brake, with price, sales, revenue and global market share of Railway Air Brake from 2019 to 2024.

Chapter 3, the Railway Air Brake competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Railway Air Brake breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Railway Air Brake market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Railway Air Brake.

Chapter 14 and 15, to describe Railway Air Brake sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Railway Air Brake
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Railway Air Brake Consumption Value by Type: 2019 Versus 2023 Versus 2030
 - 1.3.2 Single-Pipe Air Brake
 - 1.3.3 Two-Pipe Air Brake
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Railway Air Brake Consumption Value by Application: 2019 Versus 2023 Versus 2030
 - 1.4.2 Freight Trains
 - 1.4.3 Passenger Trains
 - 1.4.4 Subway and Metro Systems
 - 1.4.5 Light Rail and Trams
- 1.5 Global Railway Air Brake Market Size & Forecast
 - 1.5.1 Global Railway Air Brake Consumption Value (2019 & 2023 & 2030)
 - 1.5.2 Global Railway Air Brake Sales Quantity (2019-2030)
 - 1.5.3 Global Railway Air Brake Average Price (2019-2030)

2 MANUFACTURERS PROFILES

- 2.1 Knorr-Bremse AG
 - 2.1.1 Knorr-Bremse AG Details
 - 2.1.2 Knorr-Bremse AG Major Business
 - 2.1.3 Knorr-Bremse AG Railway Air Brake Product and Services
 - 2.1.4 Knorr-Bremse AG Railway Air Brake Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.1.5 Knorr-Bremse AG Recent Developments/Updates
- 2.2 Wabtec Corporation
 - 2.2.1 Wabtec Corporation Details
 - 2.2.2 Wabtec Corporation Major Business
 - 2.2.3 Wabtec Corporation Railway Air Brake Product and Services
 - 2.2.4 Wabtec Corporation Railway Air Brake Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.2.5 Wabtec Corporation Recent Developments/Updates

2.3 New York Air Brake

2.3.1 New York Air Brake Details

2.3.2 New York Air Brake Major Business

2.3.3 New York Air Brake Railway Air Brake Product and Services

2.3.4 New York Air Brake Railway Air Brake Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.3.5 New York Air Brake Recent Developments/Updates

2.4 Nabtesco Corporation

2.4.1 Nabtesco Corporation Details

2.4.2 Nabtesco Corporation Major Business

2.4.3 Nabtesco Corporation Railway Air Brake Product and Services

2.4.4 Nabtesco Corporation Railway Air Brake Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.4.5 Nabtesco Corporation Recent Developments/Updates

2.5 Faiveley Transport

2.5.1 Faiveley Transport Details

2.5.2 Faiveley Transport Major Business

2.5.3 Faiveley Transport Railway Air Brake Product and Services

2.5.4 Faiveley Transport Railway Air Brake Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.5.5 Faiveley Transport Recent Developments/Updates

2.6 Haldex Brake Products Corporation

2.6.1 Haldex Brake Products Corporation Details

2.6.2 Haldex Brake Products Corporation Major Business

2.6.3 Haldex Brake Products Corporation Railway Air Brake Product and Services

2.6.4 Haldex Brake Products Corporation Railway Air Brake Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.6.5 Haldex Brake Products Corporation Recent Developments/Updates

2.7 Federal-Mogul Corporation

2.7.1 Federal-Mogul Corporation Details

2.7.2 Federal-Mogul Corporation Major Business

2.7.3 Federal-Mogul Corporation Railway Air Brake Product and Services

2.7.4 Federal-Mogul Corporation Railway Air Brake Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.7.5 Federal-Mogul Corporation Recent Developments/Updates

2.8 Merak-Jinxin Air Brake Company

2.8.1 Merak-Jinxin Air Brake Company Details

2.8.2 Merak-Jinxin Air Brake Company Major Business

2.8.3 Merak-Jinxin Air Brake Company Railway Air Brake Product and Services

2.8.4 Merak-Jinxin Air Brake Company Railway Air Brake Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.8.5 Merak-Jinxin Air Brake Company Recent Developments/Updates

2.9 Escorts Limited

2.9.1 Escorts Limited Details

2.9.2 Escorts Limited Major Business

2.9.3 Escorts Limited Railway Air Brake Product and Services

2.9.4 Escorts Limited Railway Air Brake Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.9.5 Escorts Limited Recent Developments/Updates

2.10 Dellner Brakes AB

2.10.1 Dellner Brakes AB Details

2.10.2 Dellner Brakes AB Major Business

2.10.3 Dellner Brakes AB Railway Air Brake Product and Services

2.10.4 Dellner Brakes AB Railway Air Brake Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.10.5 Dellner Brakes AB Recent Developments/Updates

2.11 MATISA Mat?riel Industriel S.A.

2.11.1 MATISA Mat?riel Industriel S.A. Details

2.11.2 MATISA Mat?riel Industriel S.A. Major Business

2.11.3 MATISA Mat?riel Industriel S.A. Railway Air Brake Product and Services

2.11.4 MATISA Mat?riel Industriel S.A. Railway Air Brake Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.11.5 MATISA Mat?riel Industriel S.A. Recent Developments/Updates

2.12 SAB WABCO

2.12.1 SAB WABCO Details

2.12.2 SAB WABCO Major Business

2.12.3 SAB WABCO Railway Air Brake Product and Services

2.12.4 SAB WABCO Railway Air Brake Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.12.5 SAB WABCO Recent Developments/Updates

2.13 CRRC Corporation Limited (CRRC)

2.13.1 CRRC Corporation Limited (CRRC) Details

2.13.2 CRRC Corporation Limited (CRRC) Major Business

2.13.3 CRRC Corporation Limited (CRRC) Railway Air Brake Product and Services

2.13.4 CRRC Corporation Limited (CRRC) Railway Air Brake Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.13.5 CRRC Corporation Limited (CRRC) Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: RAILWAY AIR BRAKE BY MANUFACTURER

- 3.1 Global Railway Air Brake Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Railway Air Brake Revenue by Manufacturer (2019-2024)
- 3.3 Global Railway Air Brake Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
 - 3.4.1 Producer Shipments of Railway Air Brake by Manufacturer Revenue (\$MM) and Market Share (%): 2023
 - 3.4.2 Top 3 Railway Air Brake Manufacturer Market Share in 2023
 - 3.4.2 Top 6 Railway Air Brake Manufacturer Market Share in 2023
- 3.5 Railway Air Brake Market: Overall Company Footprint Analysis
 - 3.5.1 Railway Air Brake Market: Region Footprint
 - 3.5.2 Railway Air Brake Market: Company Product Type Footprint
 - 3.5.3 Railway Air Brake Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Railway Air Brake Market Size by Region
 - 4.1.1 Global Railway Air Brake Sales Quantity by Region (2019-2030)
 - 4.1.2 Global Railway Air Brake Consumption Value by Region (2019-2030)
 - 4.1.3 Global Railway Air Brake Average Price by Region (2019-2030)
- 4.2 North America Railway Air Brake Consumption Value (2019-2030)
- 4.3 Europe Railway Air Brake Consumption Value (2019-2030)
- 4.4 Asia-Pacific Railway Air Brake Consumption Value (2019-2030)
- 4.5 South America Railway Air Brake Consumption Value (2019-2030)
- 4.6 Middle East and Africa Railway Air Brake Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Railway Air Brake Sales Quantity by Type (2019-2030)
- 5.2 Global Railway Air Brake Consumption Value by Type (2019-2030)
- 5.3 Global Railway Air Brake Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Railway Air Brake Sales Quantity by Application (2019-2030)
- 6.2 Global Railway Air Brake Consumption Value by Application (2019-2030)

6.3 Global Railway Air Brake Average Price by Application (2019-2030)

7 NORTH AMERICA

7.1 North America Railway Air Brake Sales Quantity by Type (2019-2030)

7.2 North America Railway Air Brake Sales Quantity by Application (2019-2030)

7.3 North America Railway Air Brake Market Size by Country

7.3.1 North America Railway Air Brake Sales Quantity by Country (2019-2030)

7.3.2 North America Railway Air Brake Consumption Value by Country (2019-2030)

7.3.3 United States Market Size and Forecast (2019-2030)

7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

8.1 Europe Railway Air Brake Sales Quantity by Type (2019-2030)

8.2 Europe Railway Air Brake Sales Quantity by Application (2019-2030)

8.3 Europe Railway Air Brake Market Size by Country

8.3.1 Europe Railway Air Brake Sales Quantity by Country (2019-2030)

8.3.2 Europe Railway Air Brake Consumption Value by Country (2019-2030)

8.3.3 Germany Market Size and Forecast (2019-2030)

8.3.4 France Market Size and Forecast (2019-2030)

8.3.5 United Kingdom Market Size and Forecast (2019-2030)

8.3.6 Russia Market Size and Forecast (2019-2030)

8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

9.1 Asia-Pacific Railway Air Brake Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific Railway Air Brake Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific Railway Air Brake Market Size by Region

9.3.1 Asia-Pacific Railway Air Brake Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific Railway Air Brake Consumption Value by Region (2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

9.3.4 Japan Market Size and Forecast (2019-2030)

9.3.5 Korea Market Size and Forecast (2019-2030)

9.3.6 India Market Size and Forecast (2019-2030)

9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

- 10.1 South America Railway Air Brake Sales Quantity by Type (2019-2030)
- 10.2 South America Railway Air Brake Sales Quantity by Application (2019-2030)
- 10.3 South America Railway Air Brake Market Size by Country
 - 10.3.1 South America Railway Air Brake Sales Quantity by Country (2019-2030)
 - 10.3.2 South America Railway Air Brake Consumption Value by Country (2019-2030)
 - 10.3.3 Brazil Market Size and Forecast (2019-2030)
 - 10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Railway Air Brake Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa Railway Air Brake Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa Railway Air Brake Market Size by Country
 - 11.3.1 Middle East & Africa Railway Air Brake Sales Quantity by Country (2019-2030)
 - 11.3.2 Middle East & Africa Railway Air Brake Consumption Value by Country (2019-2030)
 - 11.3.3 Turkey Market Size and Forecast (2019-2030)
 - 11.3.4 Egypt Market Size and Forecast (2019-2030)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)
 - 11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

- 12.1 Railway Air Brake Market Drivers
- 12.2 Railway Air Brake Market Restraints
- 12.3 Railway Air Brake Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Railway Air Brake and Key Manufacturers

13.2 Manufacturing Costs Percentage of Railway Air Brake

13.3 Railway Air Brake Production Process

13.4 Railway Air Brake Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Railway Air Brake Typical Distributors

14.3 Railway Air Brake Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Railway Air Brake Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Railway Air Brake Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Knorr-Bremse AG Basic Information, Manufacturing Base and Competitors

Table 4. Knorr-Bremse AG Major Business

Table 5. Knorr-Bremse AG Railway Air Brake Product and Services

Table 6. Knorr-Bremse AG Railway Air Brake Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Knorr-Bremse AG Recent Developments/Updates

Table 8. Wabtec Corporation Basic Information, Manufacturing Base and Competitors

Table 9. Wabtec Corporation Major Business

Table 10. Wabtec Corporation Railway Air Brake Product and Services

Table 11. Wabtec Corporation Railway Air Brake Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Wabtec Corporation Recent Developments/Updates

Table 13. New York Air Brake Basic Information, Manufacturing Base and Competitors

Table 14. New York Air Brake Major Business

Table 15. New York Air Brake Railway Air Brake Product and Services

Table 16. New York Air Brake Railway Air Brake Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. New York Air Brake Recent Developments/Updates

Table 18. Nabtesco Corporation Basic Information, Manufacturing Base and Competitors

Table 19. Nabtesco Corporation Major Business

Table 20. Nabtesco Corporation Railway Air Brake Product and Services

Table 21. Nabtesco Corporation Railway Air Brake Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Nabtesco Corporation Recent Developments/Updates

Table 23. Faiveley Transport Basic Information, Manufacturing Base and Competitors

Table 24. Faiveley Transport Major Business

Table 25. Faiveley Transport Railway Air Brake Product and Services

Table 26. Faiveley Transport Railway Air Brake Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. Faiveley Transport Recent Developments/Updates

Table 28. Haldex Brake Products Corporation Basic Information, Manufacturing Base and Competitors

Table 29. Haldex Brake Products Corporation Major Business

Table 30. Haldex Brake Products Corporation Railway Air Brake Product and Services

Table 31. Haldex Brake Products Corporation Railway Air Brake Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. Haldex Brake Products Corporation Recent Developments/Updates

Table 33. Federal-Mogul Corporation Basic Information, Manufacturing Base and Competitors

Table 34. Federal-Mogul Corporation Major Business

Table 35. Federal-Mogul Corporation Railway Air Brake Product and Services

Table 36. Federal-Mogul Corporation Railway Air Brake Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. Federal-Mogul Corporation Recent Developments/Updates

Table 38. Merak-Jinxin Air Brake Company Basic Information, Manufacturing Base and Competitors

Table 39. Merak-Jinxin Air Brake Company Major Business

Table 40. Merak-Jinxin Air Brake Company Railway Air Brake Product and Services

Table 41. Merak-Jinxin Air Brake Company Railway Air Brake Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 42. Merak-Jinxin Air Brake Company Recent Developments/Updates

Table 43. Escorts Limited Basic Information, Manufacturing Base and Competitors

Table 44. Escorts Limited Major Business

Table 45. Escorts Limited Railway Air Brake Product and Services

Table 46. Escorts Limited Railway Air Brake Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 47. Escorts Limited Recent Developments/Updates

Table 48. Dellner Brakes AB Basic Information, Manufacturing Base and Competitors

Table 49. Dellner Brakes AB Major Business

Table 50. Dellner Brakes AB Railway Air Brake Product and Services

Table 51. Dellner Brakes AB Railway Air Brake Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 52. Dellner Brakes AB Recent Developments/Updates

Table 53. MATISA Mat?riel Industriel S.A. Basic Information, Manufacturing Base and Competitors

Table 54. MATISA Mat?riel Industriel S.A. Major Business

Table 55. MATISA Mat?riel Industriel S.A. Railway Air Brake Product and Services

Table 56. MATISA Mat?riel Industriel S.A. Railway Air Brake Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 57. MATISA Mat?riel Industriel S.A. Recent Developments/Updates

Table 58. SAB WABCO Basic Information, Manufacturing Base and Competitors

Table 59. SAB WABCO Major Business

Table 60. SAB WABCO Railway Air Brake Product and Services

Table 61. SAB WABCO Railway Air Brake Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 62. SAB WABCO Recent Developments/Updates

Table 63. CRRC Corporation Limited (CRRC) Basic Information, Manufacturing Base and Competitors

Table 64. CRRC Corporation Limited (CRRC) Major Business

Table 65. CRRC Corporation Limited (CRRC) Railway Air Brake Product and Services

Table 66. CRRC Corporation Limited (CRRC) Railway Air Brake Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 67. CRRC Corporation Limited (CRRC) Recent Developments/Updates

Table 68. Global Railway Air Brake Sales Quantity by Manufacturer (2019-2024) & (K Units)

Table 69. Global Railway Air Brake Revenue by Manufacturer (2019-2024) & (USD Million)

Table 70. Global Railway Air Brake Average Price by Manufacturer (2019-2024) & (US\$/Unit)

Table 71. Market Position of Manufacturers in Railway Air Brake, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 72. Head Office and Railway Air Brake Production Site of Key Manufacturer

Table 73. Railway Air Brake Market: Company Product Type Footprint

Table 74. Railway Air Brake Market: Company Product Application Footprint

Table 75. Railway Air Brake New Market Entrants and Barriers to Market Entry

Table 76. Railway Air Brake Mergers, Acquisition, Agreements, and Collaborations

Table 77. Global Railway Air Brake Sales Quantity by Region (2019-2024) & (K Units)

Table 78. Global Railway Air Brake Sales Quantity by Region (2025-2030) & (K Units)

Table 79. Global Railway Air Brake Consumption Value by Region (2019-2024) & (USD Million)

Table 80. Global Railway Air Brake Consumption Value by Region (2025-2030) & (USD Million)

Table 81. Global Railway Air Brake Average Price by Region (2019-2024) & (US\$/Unit)

- Table 82. Global Railway Air Brake Average Price by Region (2025-2030) & (US\$/Unit)
- Table 83. Global Railway Air Brake Sales Quantity by Type (2019-2024) & (K Units)
- Table 84. Global Railway Air Brake Sales Quantity by Type (2025-2030) & (K Units)
- Table 85. Global Railway Air Brake Consumption Value by Type (2019-2024) & (USD Million)
- Table 86. Global Railway Air Brake Consumption Value by Type (2025-2030) & (USD Million)
- Table 87. Global Railway Air Brake Average Price by Type (2019-2024) & (US\$/Unit)
- Table 88. Global Railway Air Brake Average Price by Type (2025-2030) & (US\$/Unit)
- Table 89. Global Railway Air Brake Sales Quantity by Application (2019-2024) & (K Units)
- Table 90. Global Railway Air Brake Sales Quantity by Application (2025-2030) & (K Units)
- Table 91. Global Railway Air Brake Consumption Value by Application (2019-2024) & (USD Million)
- Table 92. Global Railway Air Brake Consumption Value by Application (2025-2030) & (USD Million)
- Table 93. Global Railway Air Brake Average Price by Application (2019-2024) & (US\$/Unit)
- Table 94. Global Railway Air Brake Average Price by Application (2025-2030) & (US\$/Unit)
- Table 95. North America Railway Air Brake Sales Quantity by Type (2019-2024) & (K Units)
- Table 96. North America Railway Air Brake Sales Quantity by Type (2025-2030) & (K Units)
- Table 97. North America Railway Air Brake Sales Quantity by Application (2019-2024) & (K Units)
- Table 98. North America Railway Air Brake Sales Quantity by Application (2025-2030) & (K Units)
- Table 99. North America Railway Air Brake Sales Quantity by Country (2019-2024) & (K Units)
- Table 100. North America Railway Air Brake Sales Quantity by Country (2025-2030) & (K Units)
- Table 101. North America Railway Air Brake Consumption Value by Country (2019-2024) & (USD Million)
- Table 102. North America Railway Air Brake Consumption Value by Country (2025-2030) & (USD Million)
- Table 103. Europe Railway Air Brake Sales Quantity by Type (2019-2024) & (K Units)
- Table 104. Europe Railway Air Brake Sales Quantity by Type (2025-2030) & (K Units)

Table 105. Europe Railway Air Brake Sales Quantity by Application (2019-2024) & (K Units)

Table 106. Europe Railway Air Brake Sales Quantity by Application (2025-2030) & (K Units)

Table 107. Europe Railway Air Brake Sales Quantity by Country (2019-2024) & (K Units)

Table 108. Europe Railway Air Brake Sales Quantity by Country (2025-2030) & (K Units)

Table 109. Europe Railway Air Brake Consumption Value by Country (2019-2024) & (USD Million)

Table 110. Europe Railway Air Brake Consumption Value by Country (2025-2030) & (USD Million)

Table 111. Asia-Pacific Railway Air Brake Sales Quantity by Type (2019-2024) & (K Units)

Table 112. Asia-Pacific Railway Air Brake Sales Quantity by Type (2025-2030) & (K Units)

Table 113. Asia-Pacific Railway Air Brake Sales Quantity by Application (2019-2024) & (K Units)

Table 114. Asia-Pacific Railway Air Brake Sales Quantity by Application (2025-2030) & (K Units)

Table 115. Asia-Pacific Railway Air Brake Sales Quantity by Region (2019-2024) & (K Units)

Table 116. Asia-Pacific Railway Air Brake Sales Quantity by Region (2025-2030) & (K Units)

Table 117. Asia-Pacific Railway Air Brake Consumption Value by Region (2019-2024) & (USD Million)

Table 118. Asia-Pacific Railway Air Brake Consumption Value by Region (2025-2030) & (USD Million)

Table 119. South America Railway Air Brake Sales Quantity by Type (2019-2024) & (K Units)

Table 120. South America Railway Air Brake Sales Quantity by Type (2025-2030) & (K Units)

Table 121. South America Railway Air Brake Sales Quantity by Application (2019-2024) & (K Units)

Table 122. South America Railway Air Brake Sales Quantity by Application (2025-2030) & (K Units)

Table 123. South America Railway Air Brake Sales Quantity by Country (2019-2024) & (K Units)

Table 124. South America Railway Air Brake Sales Quantity by Country (2025-2030) &

(K Units)

Table 125. South America Railway Air Brake Consumption Value by Country (2019-2024) & (USD Million)

Table 126. South America Railway Air Brake Consumption Value by Country (2025-2030) & (USD Million)

Table 127. Middle East & Africa Railway Air Brake Sales Quantity by Type (2019-2024) & (K Units)

Table 128. Middle East & Africa Railway Air Brake Sales Quantity by Type (2025-2030) & (K Units)

Table 129. Middle East & Africa Railway Air Brake Sales Quantity by Application (2019-2024) & (K Units)

Table 130. Middle East & Africa Railway Air Brake Sales Quantity by Application (2025-2030) & (K Units)

Table 131. Middle East & Africa Railway Air Brake Sales Quantity by Region (2019-2024) & (K Units)

Table 132. Middle East & Africa Railway Air Brake Sales Quantity by Region (2025-2030) & (K Units)

Table 133. Middle East & Africa Railway Air Brake Consumption Value by Region (2019-2024) & (USD Million)

Table 134. Middle East & Africa Railway Air Brake Consumption Value by Region (2025-2030) & (USD Million)

Table 135. Railway Air Brake Raw Material

Table 136. Key Manufacturers of Railway Air Brake Raw Materials

Table 137. Railway Air Brake Typical Distributors

Table 138. Railway Air Brake Typical Customers

LIST OF FIGURE

s

Figure 1. Railway Air Brake Picture

Figure 2. Global Railway Air Brake Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global Railway Air Brake Consumption Value Market Share by Type in 2023

Figure 4. Single-Pipe Air Brake Examples

Figure 5. Two-Pipe Air Brake Examples

Figure 6. Global Railway Air Brake Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 7. Global Railway Air Brake Consumption Value Market Share by Application in 2023

Figure 8. Freight Trains Examples

Figure 9. Passenger Trains Examples

Figure 10. Subway and Metro Systems Examples

Figure 11. Light Rail and Trams Examples

Figure 12. Global Railway Air Brake Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 13. Global Railway Air Brake Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 14. Global Railway Air Brake Sales Quantity (2019-2030) & (K Units)

Figure 15. Global Railway Air Brake Average Price (2019-2030) & (US\$/Unit)

Figure 16. Global Railway Air Brake Sales Quantity Market Share by Manufacturer in 2023

Figure 17. Global Railway Air Brake Consumption Value Market Share by Manufacturer in 2023

Figure 18. Producer Shipments of Railway Air Brake by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 19. Top 3 Railway Air Brake Manufacturer (Consumption Value) Market Share in 2023

Figure 20. Top 6 Railway Air Brake Manufacturer (Consumption Value) Market Share in 2023

Figure 21. Global Railway Air Brake Sales Quantity Market Share by Region (2019-2030)

Figure 22. Global Railway Air Brake Consumption Value Market Share by Region (2019-2030)

Figure 23. North America Railway Air Brake Consumption Value (2019-2030) & (USD Million)

Figure 24. Europe Railway Air Brake Consumption Value (2019-2030) & (USD Million)

Figure 25. Asia-Pacific Railway Air Brake Consumption Value (2019-2030) & (USD Million)

Figure 26. South America Railway Air Brake Consumption Value (2019-2030) & (USD Million)

Figure 27. Middle East & Africa Railway Air Brake Consumption Value (2019-2030) & (USD Million)

Figure 28. Global Railway Air Brake Sales Quantity Market Share by Type (2019-2030)

Figure 29. Global Railway Air Brake Consumption Value Market Share by Type (2019-2030)

Figure 30. Global Railway Air Brake Average Price by Type (2019-2030) & (US\$/Unit)

Figure 31. Global Railway Air Brake Sales Quantity Market Share by Application (2019-2030)

Figure 32. Global Railway Air Brake Consumption Value Market Share by Application

(2019-2030)

Figure 33. Global Railway Air Brake Average Price by Application (2019-2030) & (US\$/Unit)

Figure 34. North America Railway Air Brake Sales Quantity Market Share by Type (2019-2030)

Figure 35. North America Railway Air Brake Sales Quantity Market Share by Application (2019-2030)

Figure 36. North America Railway Air Brake Sales Quantity Market Share by Country (2019-2030)

Figure 37. North America Railway Air Brake Consumption Value Market Share by Country (2019-2030)

Figure 38. United States Railway Air Brake Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 39. Canada Railway Air Brake Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 40. Mexico Railway Air Brake Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 41. Europe Railway Air Brake Sales Quantity Market Share by Type (2019-2030)

Figure 42. Europe Railway Air Brake Sales Quantity Market Share by Application (2019-2030)

Figure 43. Europe Railway Air Brake Sales Quantity Market Share by Country (2019-2030)

Figure 44. Europe Railway Air Brake Consumption Value Market Share by Country (2019-2030)

Figure 45. Germany Railway Air Brake Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 46. France Railway Air Brake Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 47. United Kingdom Railway Air Brake Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. Russia Railway Air Brake Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. Italy Railway Air Brake Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. Asia-Pacific Railway Air Brake Sales Quantity Market Share by Type (2019-2030)

Figure 51. Asia-Pacific Railway Air Brake Sales Quantity Market Share by Application (2019-2030)

Figure 52. Asia-Pacific Railway Air Brake Sales Quantity Market Share by Region

(2019-2030)

Figure 53. Asia-Pacific Railway Air Brake Consumption Value Market Share by Region (2019-2030)

Figure 54. China Railway Air Brake Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 55. Japan Railway Air Brake Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 56. Korea Railway Air Brake Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. India Railway Air Brake Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. Southeast Asia Railway Air Brake Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. Australia Railway Air Brake Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. South America Railway Air Brake Sales Quantity Market Share by Type (2019-2030)

Figure 61. South America Railway Air Brake Sales Quantity Market Share by Application (2019-2030)

Figure 62. South America Railway Air Brake Sales Quantity Market Share by Country (2019-2030)

Figure 63. South America Railway Air Brake Consumption Value Market Share by Country (2019-2030)

Figure 64. Brazil Railway Air Brake Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 65. Argentina Railway Air Brake Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 66. Middle East & Africa Railway Air Brake Sales Quantity Market Share by Type (2019-2030)

Figure 67. Middle East & Africa Railway Air Brake Sales Quantity Market Share by Application (2019-2030)

Figure 68. Middle East & Africa Railway Air Brake Sales Quantity Market Share by Region (2019-2030)

Figure 69. Middle East & Africa Railway Air Brake Consumption Value Market Share by Region (2019-2030)

Figure 70. Turkey Railway Air Brake Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 71. Egypt Railway Air Brake Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 72. Saudi Arabia Railway Air Brake Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 73. South Africa Railway Air Brake Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74. Railway Air Brake Market Drivers

Figure 75. Railway Air Brake Market Restraints

Figure 76. Railway Air Brake Market Trends

Figure 77. Porters Five Forces Analysis

Figure 78. Manufacturing Cost Structure Analysis of Railway Air Brake in 2023

Figure 79. Manufacturing Process Analysis of Railway Air Brake

Figure 80. Railway Air Brake Industrial Chain

Figure 81. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 82. Direct Channel Pros & Cons

Figure 83. Indirect Channel Pros & Cons

Figure 84. Methodology

Figure 85. Research Process and Data Source

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