

Global Electric Traction Engine Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

According to our (Global Info Research) latest study, the global Electric Traction Engine market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period.

An electric traction engine, also known as an electric locomotive or electric train, is a type of vehicle that uses electric power for propulsion. It is commonly used in railway systems for transporting passengers and freight. Electric traction engines offer several advantages over traditional diesel or steam locomotives. They are more energy-efficient, produce lower emissions, and provide smoother acceleration and deceleration. Additionally, electric traction engines can take advantage of regenerative braking, where the energy generated during braking is fed back into the power supply system, improving overall energy efficiency. Electric traction engines are widely used in urban and suburban railway systems, high-speed trains, and metro systems. They are also gaining popularity in freight transportation, where electric locomotives are used to haul heavy loads over long distances.

The Global Info Research report includes an overview of the development of the Electric Traction Engine industry chain, the market status of Passenger Locomotive (AC Motor, DC Motor), Freight Locomotive (AC Motor, DC Motor), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Electric Traction Engine.

Regionally, the report analyzes the Electric Traction Engine 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 Electric Traction Engine market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Electric Traction Engine 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 Electric Traction Engine 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 (Units), revenue generated, and market share of different by Type (e.g., AC Motor, DC Motor).

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 Electric Traction Engine market.

Regional Analysis: The report involves examining the Electric Traction Engine 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 Electric Traction Engine market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Electric Traction Engine:

Company Analysis: Report covers individual Electric Traction Engine 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 Electric Traction Engine This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Passenger Locomotive, Freight Locomotive).

Technology Analysis: Report covers specific technologies relevant to Electric Traction Engine. It assesses the current state, advancements, and potential future developments in Electric Traction Engine areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Electric Traction Engine 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

Electric Traction Engine market is split by Type and by Application. For the period 2018-2029, 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

AC Motor

DC Motor

Market segment by Application

Passenger Locomotive

Freight Locomotive

Major players covered

ABB

Mitsubishi Electric

Wabtec

BOSCH

SIEMENS

Hitachi

Toyo Denki

TOSHIBA

Broad-Ocean

Alstom

Bombardier

EMD

Westinghouse

VEM Group

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 Electric Traction Engine product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Electric Traction Engine, with price, sales, revenue and global market share of Electric Traction Engine from 2018 to 2023.

Chapter 3, the Electric Traction Engine competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Electric Traction Engine breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

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 2022. and Electric Traction Engine market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

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 Electric Traction Engine.

Chapter 14 and 15, to describe Electric Traction Engine sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Electric Traction Engine
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Electric Traction Engine Consumption Value by Type: 2018 Versus 2022 Versus 2029
 - 1.3.2 AC Motor
 - 1.3.3 DC Motor
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Electric Traction Engine Consumption Value by Application: 2018 Versus 2022 Versus 2029
 - 1.4.2 Passenger Locomotive
 - 1.4.3 Freight Locomotive
- 1.5 Global Electric Traction Engine Market Size & Forecast
 - 1.5.1 Global Electric Traction Engine Consumption Value (2018 & 2022 & 2029)
 - 1.5.2 Global Electric Traction Engine Sales Quantity (2018-2029)
 - 1.5.3 Global Electric Traction Engine Average Price (2018-2029)

2 MANUFACTURERS PROFILES

- 2.1 ABB
 - 2.1.1 ABB Details
 - 2.1.2 ABB Major Business
 - 2.1.3 ABB Electric Traction Engine Product and Services
 - 2.1.4 ABB Electric Traction Engine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.1.5 ABB Recent Developments/Updates
- 2.2 Mitsubishi Electric
 - 2.2.1 Mitsubishi Electric Details
 - 2.2.2 Mitsubishi Electric Major Business
 - 2.2.3 Mitsubishi Electric Electric Traction Engine Product and Services
 - 2.2.4 Mitsubishi Electric Electric Traction Engine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.2.5 Mitsubishi Electric Recent Developments/Updates
- 2.3 Wabtec
 - 2.3.1 Wabtec Details

- 2.3.2 Wabtec Major Business
- 2.3.3 Wabtec Electric Traction Engine Product and Services
- 2.3.4 Wabtec Electric Traction Engine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.3.5 Wabtec Recent Developments/Updates
- 2.4 BOSCH
 - 2.4.1 BOSCH Details
 - 2.4.2 BOSCH Major Business
 - 2.4.3 BOSCH Electric Traction Engine Product and Services
 - 2.4.4 BOSCH Electric Traction Engine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.4.5 BOSCH Recent Developments/Updates
- 2.5 SIEMENS
 - 2.5.1 SIEMENS Details
 - 2.5.2 SIEMENS Major Business
 - 2.5.3 SIEMENS Electric Traction Engine Product and Services
 - 2.5.4 SIEMENS Electric Traction Engine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.5.5 SIEMENS Recent Developments/Updates
- 2.6 Hitachi
 - 2.6.1 Hitachi Details
 - 2.6.2 Hitachi Major Business
 - 2.6.3 Hitachi Electric Traction Engine Product and Services
 - 2.6.4 Hitachi Electric Traction Engine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.6.5 Hitachi Recent Developments/Updates
- 2.7 Toyo Denki
 - 2.7.1 Toyo Denki Details
 - 2.7.2 Toyo Denki Major Business
 - 2.7.3 Toyo Denki Electric Traction Engine Product and Services
 - 2.7.4 Toyo Denki Electric Traction Engine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.7.5 Toyo Denki Recent Developments/Updates
- 2.8 TOSHIBA
 - 2.8.1 TOSHIBA Details
 - 2.8.2 TOSHIBA Major Business
 - 2.8.3 TOSHIBA Electric Traction Engine Product and Services
 - 2.8.4 TOSHIBA Electric Traction Engine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.8.5 TOSHIBA Recent Developments/Updates
- 2.9 Broad-Ocean
 - 2.9.1 Broad-Ocean Details
 - 2.9.2 Broad-Ocean Major Business
 - 2.9.3 Broad-Ocean Electric Traction Engine Product and Services
 - 2.9.4 Broad-Ocean Electric Traction Engine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.9.5 Broad-Ocean Recent Developments/Updates
- 2.10 Alstom
 - 2.10.1 Alstom Details
 - 2.10.2 Alstom Major Business
 - 2.10.3 Alstom Electric Traction Engine Product and Services
 - 2.10.4 Alstom Electric Traction Engine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.10.5 Alstom Recent Developments/Updates
- 2.11 Bombardier
 - 2.11.1 Bombardier Details
 - 2.11.2 Bombardier Major Business
 - 2.11.3 Bombardier Electric Traction Engine Product and Services
 - 2.11.4 Bombardier Electric Traction Engine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.11.5 Bombardier Recent Developments/Updates
- 2.12 EMD
 - 2.12.1 EMD Details
 - 2.12.2 EMD Major Business
 - 2.12.3 EMD Electric Traction Engine Product and Services
 - 2.12.4 EMD Electric Traction Engine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.12.5 EMD Recent Developments/Updates
- 2.13 Westinghouse
 - 2.13.1 Westinghouse Details
 - 2.13.2 Westinghouse Major Business
 - 2.13.3 Westinghouse Electric Traction Engine Product and Services
 - 2.13.4 Westinghouse Electric Traction Engine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.13.5 Westinghouse Recent Developments/Updates
- 2.14 VEM Group
 - 2.14.1 VEM Group Details
 - 2.14.2 VEM Group Major Business

- 2.14.3 VEM Group Electric Traction Engine Product and Services
- 2.14.4 VEM Group Electric Traction Engine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.14.5 VEM Group Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: ELECTRIC TRACTION ENGINE BY MANUFACTURER

- 3.1 Global Electric Traction Engine Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global Electric Traction Engine Revenue by Manufacturer (2018-2023)
- 3.3 Global Electric Traction Engine Average Price by Manufacturer (2018-2023)
- 3.4 Market Share Analysis (2022)
 - 3.4.1 Producer Shipments of Electric Traction Engine by Manufacturer Revenue (\$MM) and Market Share (%): 2022
 - 3.4.2 Top 3 Electric Traction Engine Manufacturer Market Share in 2022
 - 3.4.2 Top 6 Electric Traction Engine Manufacturer Market Share in 2022
- 3.5 Electric Traction Engine Market: Overall Company Footprint Analysis
 - 3.5.1 Electric Traction Engine Market: Region Footprint
 - 3.5.2 Electric Traction Engine Market: Company Product Type Footprint
 - 3.5.3 Electric Traction Engine 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 Electric Traction Engine Market Size by Region
 - 4.1.1 Global Electric Traction Engine Sales Quantity by Region (2018-2029)
 - 4.1.2 Global Electric Traction Engine Consumption Value by Region (2018-2029)
 - 4.1.3 Global Electric Traction Engine Average Price by Region (2018-2029)
- 4.2 North America Electric Traction Engine Consumption Value (2018-2029)
- 4.3 Europe Electric Traction Engine Consumption Value (2018-2029)
- 4.4 Asia-Pacific Electric Traction Engine Consumption Value (2018-2029)
- 4.5 South America Electric Traction Engine Consumption Value (2018-2029)
- 4.6 Middle East and Africa Electric Traction Engine Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Electric Traction Engine Sales Quantity by Type (2018-2029)
- 5.2 Global Electric Traction Engine Consumption Value by Type (2018-2029)

5.3 Global Electric Traction Engine Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Electric Traction Engine Sales Quantity by Application (2018-2029)

6.2 Global Electric Traction Engine Consumption Value by Application (2018-2029)

6.3 Global Electric Traction Engine Average Price by Application (2018-2029)

7 NORTH AMERICA

7.1 North America Electric Traction Engine Sales Quantity by Type (2018-2029)

7.2 North America Electric Traction Engine Sales Quantity by Application (2018-2029)

7.3 North America Electric Traction Engine Market Size by Country

7.3.1 North America Electric Traction Engine Sales Quantity by Country (2018-2029)

7.3.2 North America Electric Traction Engine Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

8.1 Europe Electric Traction Engine Sales Quantity by Type (2018-2029)

8.2 Europe Electric Traction Engine Sales Quantity by Application (2018-2029)

8.3 Europe Electric Traction Engine Market Size by Country

8.3.1 Europe Electric Traction Engine Sales Quantity by Country (2018-2029)

8.3.2 Europe Electric Traction Engine Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

9.1 Asia-Pacific Electric Traction Engine Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Electric Traction Engine Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Electric Traction Engine Market Size by Region

9.3.1 Asia-Pacific Electric Traction Engine Sales Quantity by Region (2018-2029)

- 9.3.2 Asia-Pacific Electric Traction Engine Consumption Value by Region (2018-2029)
- 9.3.3 China Market Size and Forecast (2018-2029)
- 9.3.4 Japan Market Size and Forecast (2018-2029)
- 9.3.5 Korea Market Size and Forecast (2018-2029)
- 9.3.6 India Market Size and Forecast (2018-2029)
- 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
- 9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

- 10.1 South America Electric Traction Engine Sales Quantity by Type (2018-2029)
- 10.2 South America Electric Traction Engine Sales Quantity by Application (2018-2029)
- 10.3 South America Electric Traction Engine Market Size by Country
 - 10.3.1 South America Electric Traction Engine Sales Quantity by Country (2018-2029)
 - 10.3.2 South America Electric Traction Engine Consumption Value by Country (2018-2029)
 - 10.3.3 Brazil Market Size and Forecast (2018-2029)
 - 10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Electric Traction Engine Sales Quantity by Type (2018-2029)
- 11.2 Middle East & Africa Electric Traction Engine Sales Quantity by Application (2018-2029)
- 11.3 Middle East & Africa Electric Traction Engine Market Size by Country
 - 11.3.1 Middle East & Africa Electric Traction Engine Sales Quantity by Country (2018-2029)
 - 11.3.2 Middle East & Africa Electric Traction Engine Consumption Value by Country (2018-2029)
 - 11.3.3 Turkey Market Size and Forecast (2018-2029)
 - 11.3.4 Egypt Market Size and Forecast (2018-2029)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)
 - 11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

- 12.1 Electric Traction Engine Market Drivers
- 12.2 Electric Traction Engine Market Restraints
- 12.3 Electric Traction Engine 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 Electric Traction Engine and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Electric Traction Engine
- 13.3 Electric Traction Engine Production Process
- 13.4 Electric Traction Engine Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Electric Traction Engine Typical Distributors
- 14.3 Electric Traction Engine 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 Electric Traction Engine Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Electric Traction Engine Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. ABB Basic Information, Manufacturing Base and Competitors

Table 4. ABB Major Business

Table 5. ABB Electric Traction Engine Product and Services

Table 6. ABB Electric Traction Engine Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. ABB Recent Developments/Updates

Table 8. Mitsubishi Electric Basic Information, Manufacturing Base and Competitors

Table 9. Mitsubishi Electric Major Business

Table 10. Mitsubishi Electric Electric Traction Engine Product and Services

Table 11. Mitsubishi Electric Electric Traction Engine Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Mitsubishi Electric Recent Developments/Updates

Table 13. Wabtec Basic Information, Manufacturing Base and Competitors

Table 14. Wabtec Major Business

Table 15. Wabtec Electric Traction Engine Product and Services

Table 16. Wabtec Electric Traction Engine Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Wabtec Recent Developments/Updates

Table 18. BOSCH Basic Information, Manufacturing Base and Competitors

Table 19. BOSCH Major Business

Table 20. BOSCH Electric Traction Engine Product and Services

Table 21. BOSCH Electric Traction Engine Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. BOSCH Recent Developments/Updates

Table 23. SIEMENS Basic Information, Manufacturing Base and Competitors

Table 24. SIEMENS Major Business

Table 25. SIEMENS Electric Traction Engine Product and Services

Table 26. SIEMENS Electric Traction Engine Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. SIEMENS Recent Developments/Updates

Table 28. Hitachi Basic Information, Manufacturing Base and Competitors

Table 29. Hitachi Major Business

Table 30. Hitachi Electric Traction Engine Product and Services

Table 31. Hitachi Electric Traction Engine Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Hitachi Recent Developments/Updates

Table 33. Toyo Denki Basic Information, Manufacturing Base and Competitors

Table 34. Toyo Denki Major Business

Table 35. Toyo Denki Electric Traction Engine Product and Services

Table 36. Toyo Denki Electric Traction Engine Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Toyo Denki Recent Developments/Updates

Table 38. TOSHIBA Basic Information, Manufacturing Base and Competitors

Table 39. TOSHIBA Major Business

Table 40. TOSHIBA Electric Traction Engine Product and Services

Table 41. TOSHIBA Electric Traction Engine Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. TOSHIBA Recent Developments/Updates

Table 43. Broad-Ocean Basic Information, Manufacturing Base and Competitors

Table 44. Broad-Ocean Major Business

Table 45. Broad-Ocean Electric Traction Engine Product and Services

Table 46. Broad-Ocean Electric Traction Engine Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Broad-Ocean Recent Developments/Updates

Table 48. Alstom Basic Information, Manufacturing Base and Competitors

Table 49. Alstom Major Business

Table 50. Alstom Electric Traction Engine Product and Services

Table 51. Alstom Electric Traction Engine Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. Alstom Recent Developments/Updates

Table 53. Bombardier Basic Information, Manufacturing Base and Competitors

Table 54. Bombardier Major Business

Table 55. Bombardier Electric Traction Engine Product and Services

Table 56. Bombardier Electric Traction Engine Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. Bombardier Recent Developments/Updates

Table 58. EMD Basic Information, Manufacturing Base and Competitors

Table 59. EMD Major Business

Table 60. EMD Electric Traction Engine Product and Services

Table 61. EMD Electric Traction Engine Sales Quantity (Units), Average Price

(US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. EMD Recent Developments/Updates

Table 63. Westinghouse Basic Information, Manufacturing Base and Competitors

Table 64. Westinghouse Major Business

Table 65. Westinghouse Electric Traction Engine Product and Services

Table 66. Westinghouse Electric Traction Engine Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. Westinghouse Recent Developments/Updates

Table 68. VEM Group Basic Information, Manufacturing Base and Competitors

Table 69. VEM Group Major Business

Table 70. VEM Group Electric Traction Engine Product and Services

Table 71. VEM Group Electric Traction Engine Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. VEM Group Recent Developments/Updates

Table 73. Global Electric Traction Engine Sales Quantity by Manufacturer (2018-2023) & (Units)

Table 74. Global Electric Traction Engine Revenue by Manufacturer (2018-2023) & (USD Million)

Table 75. Global Electric Traction Engine Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 76. Market Position of Manufacturers in Electric Traction Engine, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 77. Head Office and Electric Traction Engine Production Site of Key Manufacturer

Table 78. Electric Traction Engine Market: Company Product Type Footprint

Table 79. Electric Traction Engine Market: Company Product Application Footprint

Table 80. Electric Traction Engine New Market Entrants and Barriers to Market Entry

Table 81. Electric Traction Engine Mergers, Acquisition, Agreements, and Collaborations

Table 82. Global Electric Traction Engine Sales Quantity by Region (2018-2023) & (Units)

Table 83. Global Electric Traction Engine Sales Quantity by Region (2024-2029) & (Units)

Table 84. Global Electric Traction Engine Consumption Value by Region (2018-2023) & (USD Million)

Table 85. Global Electric Traction Engine Consumption Value by Region (2024-2029) & (USD Million)

Table 86. Global Electric Traction Engine Average Price by Region (2018-2023) & (US\$/Unit)

Table 87. Global Electric Traction Engine Average Price by Region (2024-2029) &

(US\$/Unit)

Table 88. Global Electric Traction Engine Sales Quantity by Type (2018-2023) & (Units)

Table 89. Global Electric Traction Engine Sales Quantity by Type (2024-2029) & (Units)

Table 90. Global Electric Traction Engine Consumption Value by Type (2018-2023) & (USD Million)

Table 91. Global Electric Traction Engine Consumption Value by Type (2024-2029) & (USD Million)

Table 92. Global Electric Traction Engine Average Price by Type (2018-2023) & (US\$/Unit)

Table 93. Global Electric Traction Engine Average Price by Type (2024-2029) & (US\$/Unit)

Table 94. Global Electric Traction Engine Sales Quantity by Application (2018-2023) & (Units)

Table 95. Global Electric Traction Engine Sales Quantity by Application (2024-2029) & (Units)

Table 96. Global Electric Traction Engine Consumption Value by Application (2018-2023) & (USD Million)

Table 97. Global Electric Traction Engine Consumption Value by Application (2024-2029) & (USD Million)

Table 98. Global Electric Traction Engine Average Price by Application (2018-2023) & (US\$/Unit)

Table 99. Global Electric Traction Engine Average Price by Application (2024-2029) & (US\$/Unit)

Table 100. North America Electric Traction Engine Sales Quantity by Type (2018-2023) & (Units)

Table 101. North America Electric Traction Engine Sales Quantity by Type (2024-2029) & (Units)

Table 102. North America Electric Traction Engine Sales Quantity by Application (2018-2023) & (Units)

Table 103. North America Electric Traction Engine Sales Quantity by Application (2024-2029) & (Units)

Table 104. North America Electric Traction Engine Sales Quantity by Country (2018-2023) & (Units)

Table 105. North America Electric Traction Engine Sales Quantity by Country (2024-2029) & (Units)

Table 106. North America Electric Traction Engine Consumption Value by Country (2018-2023) & (USD Million)

Table 107. North America Electric Traction Engine Consumption Value by Country (2024-2029) & (USD Million)

Table 108. Europe Electric Traction Engine Sales Quantity by Type (2018-2023) & (Units)

Table 109. Europe Electric Traction Engine Sales Quantity by Type (2024-2029) & (Units)

Table 110. Europe Electric Traction Engine Sales Quantity by Application (2018-2023) & (Units)

Table 111. Europe Electric Traction Engine Sales Quantity by Application (2024-2029) & (Units)

Table 112. Europe Electric Traction Engine Sales Quantity by Country (2018-2023) & (Units)

Table 113. Europe Electric Traction Engine Sales Quantity by Country (2024-2029) & (Units)

Table 114. Europe Electric Traction Engine Consumption Value by Country (2018-2023) & (USD Million)

Table 115. Europe Electric Traction Engine Consumption Value by Country (2024-2029) & (USD Million)

Table 116. Asia-Pacific Electric Traction Engine Sales Quantity by Type (2018-2023) & (Units)

Table 117. Asia-Pacific Electric Traction Engine Sales Quantity by Type (2024-2029) & (Units)

Table 118. Asia-Pacific Electric Traction Engine Sales Quantity by Application (2018-2023) & (Units)

Table 119. Asia-Pacific Electric Traction Engine Sales Quantity by Application (2024-2029) & (Units)

Table 120. Asia-Pacific Electric Traction Engine Sales Quantity by Region (2018-2023) & (Units)

Table 121. Asia-Pacific Electric Traction Engine Sales Quantity by Region (2024-2029) & (Units)

Table 122. Asia-Pacific Electric Traction Engine Consumption Value by Region (2018-2023) & (USD Million)

Table 123. Asia-Pacific Electric Traction Engine Consumption Value by Region (2024-2029) & (USD Million)

Table 124. South America Electric Traction Engine Sales Quantity by Type (2018-2023) & (Units)

Table 125. South America Electric Traction Engine Sales Quantity by Type (2024-2029) & (Units)

Table 126. South America Electric Traction Engine Sales Quantity by Application (2018-2023) & (Units)

Table 127. South America Electric Traction Engine Sales Quantity by Application

(2024-2029) & (Units)

Table 128. South America Electric Traction Engine Sales Quantity by Country
(2018-2023) & (Units)

Table 129. South America Electric Traction Engine Sales Quantity by Country
(2024-2029) & (Units)

Table 130. South America Electric Traction Engine Consumption Value by Country
(2018-2023) & (USD Million)

Table 131. South America Electric Traction Engine Consumption Value by Country
(2024-2029) & (USD Million)

Table 132. Middle East & Africa Electric Traction Engine Sales Quantity by Type
(2018-2023) & (Units)

Table 133. Middle East & Africa Electric Traction Engine Sales Quantity by Type
(2024-2029) & (Units)

Table 134. Middle East & Africa Electric Traction Engine Sales Quantity by Application
(2018-2023) & (Units)

Table 135. Middle East & Africa Electric Traction Engine Sales Quantity by Application
(2024-2029) & (Units)

Table 136. Middle East & Africa Electric Traction Engine Sales Quantity by Region
(2018-2023) & (Units)

Table 137. Middle East & Africa Electric Traction Engine Sales Quantity by Region
(2024-2029) & (Units)

Table 138. Middle East & Africa Electric Traction Engine Consumption Value by Region
(2018-2023) & (USD Million)

Table 139. Middle East & Africa Electric Traction Engine Consumption Value by Region
(2024-2029) & (USD Million)

Table 140. Electric Traction Engine Raw Material

Table 141. Key Manufacturers of Electric Traction Engine Raw Materials

Table 142. Electric Traction Engine Typical Distributors

Table 143. Electric Traction Engine Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Electric Traction Engine Picture

Figure 2. Global Electric Traction Engine Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Electric Traction Engine Consumption Value Market Share by Type in 2022

Figure 4. AC Motor Examples

Figure 5. DC Motor Examples

Figure 6. Global Electric Traction Engine Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 7. Global Electric Traction Engine Consumption Value Market Share by Application in 2022

Figure 8. Passenger Locomotive Examples

Figure 9. Freight Locomotive Examples

Figure 10. Global Electric Traction Engine Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 11. Global Electric Traction Engine Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 12. Global Electric Traction Engine Sales Quantity (2018-2029) & (Units)

Figure 13. Global Electric Traction Engine Average Price (2018-2029) & (US\$/Unit)

Figure 14. Global Electric Traction Engine Sales Quantity Market Share by Manufacturer in 2022

Figure 15. Global Electric Traction Engine Consumption Value Market Share by Manufacturer in 2022

Figure 16. Producer Shipments of Electric Traction Engine by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 17. Top 3 Electric Traction Engine Manufacturer (Consumption Value) Market Share in 2022

Figure 18. Top 6 Electric Traction Engine Manufacturer (Consumption Value) Market Share in 2022

Figure 19. Global Electric Traction Engine Sales Quantity Market Share by Region (2018-2029)

Figure 20. Global Electric Traction Engine Consumption Value Market Share by Region (2018-2029)

Figure 21. North America Electric Traction Engine Consumption Value (2018-2029) & (USD Million)

Figure 22. Europe Electric Traction Engine Consumption Value (2018-2029) & (USD Million)

Figure 23. Asia-Pacific Electric Traction Engine Consumption Value (2018-2029) & (USD Million)

Figure 24. South America Electric Traction Engine Consumption Value (2018-2029) & (USD Million)

Figure 25. Middle East & Africa Electric Traction Engine Consumption Value (2018-2029) & (USD Million)

Figure 26. Global Electric Traction Engine Sales Quantity Market Share by Type (2018-2029)

Figure 27. Global Electric Traction Engine Consumption Value Market Share by Type (2018-2029)

Figure 28. Global Electric Traction Engine Average Price by Type (2018-2029) & (US\$/Unit)

Figure 29. Global Electric Traction Engine Sales Quantity Market Share by Application (2018-2029)

Figure 30. Global Electric Traction Engine Consumption Value Market Share by Application (2018-2029)

Figure 31. Global Electric Traction Engine Average Price by Application (2018-2029) & (US\$/Unit)

Figure 32. North America Electric Traction Engine Sales Quantity Market Share by Type (2018-2029)

Figure 33. North America Electric Traction Engine Sales Quantity Market Share by Application (2018-2029)

Figure 34. North America Electric Traction Engine Sales Quantity Market Share by Country (2018-2029)

Figure 35. North America Electric Traction Engine Consumption Value Market Share by Country (2018-2029)

Figure 36. United States Electric Traction Engine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 37. Canada Electric Traction Engine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 38. Mexico Electric Traction Engine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 39. Europe Electric Traction Engine Sales Quantity Market Share by Type (2018-2029)

Figure 40. Europe Electric Traction Engine Sales Quantity Market Share by Application (2018-2029)

Figure 41. Europe Electric Traction Engine Sales Quantity Market Share by Country

(2018-2029)

Figure 42. Europe Electric Traction Engine Consumption Value Market Share by Country (2018-2029)

Figure 43. Germany Electric Traction Engine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 44. France Electric Traction Engine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 45. United Kingdom Electric Traction Engine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. Russia Electric Traction Engine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. Italy Electric Traction Engine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. Asia-Pacific Electric Traction Engine Sales Quantity Market Share by Type (2018-2029)

Figure 49. Asia-Pacific Electric Traction Engine Sales Quantity Market Share by Application (2018-2029)

Figure 50. Asia-Pacific Electric Traction Engine Sales Quantity Market Share by Region (2018-2029)

Figure 51. Asia-Pacific Electric Traction Engine Consumption Value Market Share by Region (2018-2029)

Figure 52. China Electric Traction Engine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. Japan Electric Traction Engine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 54. Korea Electric Traction Engine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. India Electric Traction Engine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Southeast Asia Electric Traction Engine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Australia Electric Traction Engine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. South America Electric Traction Engine Sales Quantity Market Share by Type (2018-2029)

Figure 59. South America Electric Traction Engine Sales Quantity Market Share by Application (2018-2029)

Figure 60. South America Electric Traction Engine Sales Quantity Market Share by Country (2018-2029)

Figure 61. South America Electric Traction Engine Consumption Value Market Share by Country (2018-2029)

Figure 62. Brazil Electric Traction Engine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 63. Argentina Electric Traction Engine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 64. Middle East & Africa Electric Traction Engine Sales Quantity Market Share by Type (2018-2029)

Figure 65. Middle East & Africa Electric Traction Engine Sales Quantity Market Share by Application (2018-2029)

Figure 66. Middle East & Africa Electric Traction Engine Sales Quantity Market Share by Region (2018-2029)

Figure 67. Middle East & Africa Electric Traction Engine Consumption Value Market Share by Region (2018-2029)

Figure 68. Turkey Electric Traction Engine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 69. Egypt Electric Traction Engine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 70. Saudi Arabia Electric Traction Engine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 71. South Africa Electric Traction Engine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. Electric Traction Engine Market Drivers

Figure 73. Electric Traction Engine Market Restraints

Figure 74. Electric Traction Engine Market Trends

Figure 75. Porters Five Forces Analysis

Figure 76. Manufacturing Cost Structure Analysis of Electric Traction Engine in 2022

Figure 77. Manufacturing Process Analysis of Electric Traction Engine

Figure 78. Electric Traction Engine Industrial Chain

Figure 79. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 80. Direct Channel Pros & Cons

Figure 81. Indirect Channel Pros & Cons

Figure 82. Methodology

Figure 83. Research Process and Data Source

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