

# Global Electric Traction Engine Market Research Report 2025(Status and Outlook)

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## Abstracts

An electric traction engine is a specialized form of electric locomotive designed for heavy-duty industrial, mining, or construction applications, utilizing electric power?either from an onboard battery, overhead lines, or a hybrid system?to deliver high torque at low speeds for pulling or pushing heavy loads over short to medium distances, often in environments where emissions, noise, or fuel efficiency are critical considerations; these machines are engineered to operate in challenging terrains and under demanding conditions where traditional diesel or steam traction may be impractical or less efficient, and they are increasingly adopted in sectors prioritizing sustainability, automation, and operational cost reduction.

The global Electric Traction Engine market size was estimated at USD 12450.0 million in 2024 and is projected to grow at a compound annual growth rate (CAGR) of 7.50% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Electric Traction Engine market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Electric

Traction Engine market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Electric Traction Engine market.

### **Global Electric Traction Engine Market: Market Segmentation Analysis**

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

### **Key Company**

ABB  
Mitsubishi Electric  
Wabtec  
BOSCH  
SIEMENS  
Hitachi  
Toyo Denki  
TOSHIBA  
Broad-Ocean  
Alstom  
Bombardier  
EMD  
Westinghouse

VEM Group

### **Market Segmentation (by Type)**

AC Motor

DC Motor

### **Market Segmentation (by Application)**

Passenger Locomotive

Freight Locomotive

### **Geographic Segmentation**

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

### **Key Benefits of This Market Research:**

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Electric Traction Engine Market

Overview of the regional outlook of the Electric Traction Engine Market:

### **Customization of the Report**

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

## **Chapter Outline**

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Electric Traction Engine Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Electric Traction Engine, their output

value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

### **Key Reasons to Buy this Report:**

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major

players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

### **Customization of the Report**

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## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

#### 1.1 Market Definition and Statistical Scope of Electric Traction Engine

#### 1.2 Key Market Segments

##### 1.2.1 Electric Traction Engine Segment by Type

##### 1.2.2 Electric Traction Engine Segment by Application

#### 1.3 Methodology & Sources of Information

##### 1.3.1 Research Methodology

##### 1.3.2 Research Process

##### 1.3.3 Market Breakdown and Data Triangulation

##### 1.3.4 Base Year

##### 1.3.5 Report Assumptions & Caveats

### **2 ELECTRIC TRACTION ENGINE MARKET OVERVIEW**

#### 2.1 Global Market Overview

##### 2.1.1 Global Electric Traction Engine Market Size (M USD) Estimates and Forecasts (2020-2033)

##### 2.1.2 Global Electric Traction Engine Sales Estimates and Forecasts (2020-2033)

#### 2.2 Market Segment Executive Summary

#### 2.3 Global Market Size by Region

### **3 ELECTRIC TRACTION ENGINE MARKET COMPETITIVE LANDSCAPE**

#### 3.1 Company Assessment Quadrant

#### 3.2 Global Electric Traction Engine Product Life Cycle

#### 3.3 Global Electric Traction Engine Sales by Manufacturers (2020-2025)

#### 3.4 Global Electric Traction Engine Revenue Market Share by Manufacturers (2020-2025)

#### 3.5 Electric Traction Engine Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

#### 3.6 Global Electric Traction Engine Average Price by Manufacturers (2020-2025)

#### 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types

#### 3.8 Electric Traction Engine Market Competitive Situation and Trends

##### 3.8.1 Electric Traction Engine Market Concentration Rate

##### 3.8.2 Global 5 and 10 Largest Electric Traction Engine Players Market Share by Revenue

##### 3.8.3 Mergers & Acquisitions, Expansion

## **4 ELECTRIC TRACTION ENGINE INDUSTRY CHAIN ANALYSIS**

- 4.1 Electric Traction Engine Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF ELECTRIC TRACTION ENGINE MARKET**

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Industry News
  - 5.4.1 New Product Developments
  - 5.4.2 Mergers & Acquisitions
  - 5.4.3 Expansions
  - 5.4.4 Collaboration/Supply Contracts
- 5.5 PEST Analysis
  - 5.5.1 Industry Policies Analysis
  - 5.5.2 Economic Environment Analysis
  - 5.5.3 Social Environment Analysis
  - 5.5.4 Technological Environment Analysis
- 5.6 Global Electric Traction Engine Market Porter's Five Forces Analysis
  - 5.6.1 Global Trade Frictions
  - 5.6.2 U.S. Tariff Policy ? April 2025
  - 5.6.3 Global Trade Frictions and Their Impacts to Electric Traction Engine Market
- 5.7 ESG Ratings of Leading Companies

## **6 ELECTRIC TRACTION ENGINE MARKET SEGMENTATION BY TYPE**

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Electric Traction Engine Sales Market Share by Type (2020-2025)
- 6.3 Global Electric Traction Engine Market Size Market Share by Type (2020-2025)
- 6.4 Global Electric Traction Engine Price by Type (2020-2025)

## **7 ELECTRIC TRACTION ENGINE MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Electric Traction Engine Market Sales by Application (2020-2025)
- 7.3 Global Electric Traction Engine Market Size (M USD) by Application (2020-2025)
- 7.4 Global Electric Traction Engine Sales Growth Rate by Application (2020-2025)

## **8 ELECTRIC TRACTION ENGINE MARKET SALES BY REGION**

- 8.1 Global Electric Traction Engine Sales by Region
  - 8.1.1 Global Electric Traction Engine Sales by Region
  - 8.1.2 Global Electric Traction Engine Sales Market Share by Region
- 8.2 Global Electric Traction Engine Market Size by Region
  - 8.2.1 Global Electric Traction Engine Market Size by Region
  - 8.2.2 Global Electric Traction Engine Market Size Market Share by Region
- 8.3 North America
  - 8.3.1 North America Electric Traction Engine Sales by Country
  - 8.3.2 North America Electric Traction Engine Market Size by Country
  - 8.3.3 U.S. Market Overview
  - 8.3.4 Canada Market Overview
  - 8.3.5 Mexico Market Overview
- 8.4 Europe
  - 8.4.1 Europe Electric Traction Engine Sales by Country
  - 8.4.2 Europe Electric Traction Engine Market Size by Country
  - 8.4.3 Germany Market Overview
  - 8.4.4 France Market Overview
  - 8.4.5 U.K. Market Overview
  - 8.4.6 Italy Market Overview
  - 8.4.7 Spain Market Overview
- 8.5 Asia Pacific
  - 8.5.1 Asia Pacific Electric Traction Engine Sales by Region
  - 8.5.2 Asia Pacific Electric Traction Engine Market Size by Region
  - 8.5.3 China Market Overview
  - 8.5.4 Japan Market Overview
  - 8.5.5 South Korea Market Overview
  - 8.5.6 India Market Overview
  - 8.5.7 Southeast Asia Market Overview
- 8.6 South America
  - 8.6.1 South America Electric Traction Engine Sales by Country
  - 8.6.2 South America Electric Traction Engine Market Size by Country
  - 8.6.3 Brazil Market Overview

8.6.4 Argentina Market Overview

8.6.5 Columbia Market Overview

8.7 Middle East and Africa

8.7.1 Middle East and Africa Electric Traction Engine Sales by Region

8.7.2 Middle East and Africa Electric Traction Engine Market Size by Region

8.7.3 Saudi Arabia Market Overview

8.7.4 UAE Market Overview

8.7.5 Egypt Market Overview

8.7.6 Nigeria Market Overview

8.7.7 South Africa Market Overview

## **9 ELECTRIC TRACTION ENGINE MARKET PRODUCTION BY REGION**

9.1 Global Production of Electric Traction Engine by Region(2020-2025)

9.2 Global Electric Traction Engine Revenue Market Share by Region (2020-2025)

9.3 Global Electric Traction Engine Production, Revenue, Price and Gross Margin (2020-2025)

9.4 North America Electric Traction Engine Production

9.4.1 North America Electric Traction Engine Production Growth Rate (2020-2025)

9.4.2 North America Electric Traction Engine Production, Revenue, Price and Gross Margin (2020-2025)

9.5 Europe Electric Traction Engine Production

9.5.1 Europe Electric Traction Engine Production Growth Rate (2020-2025)

9.5.2 Europe Electric Traction Engine Production, Revenue, Price and Gross Margin (2020-2025)

9.6 Japan Electric Traction Engine Production (2020-2025)

9.6.1 Japan Electric Traction Engine Production Growth Rate (2020-2025)

9.6.2 Japan Electric Traction Engine Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China Electric Traction Engine Production (2020-2025)

9.7.1 China Electric Traction Engine Production Growth Rate (2020-2025)

9.7.2 China Electric Traction Engine Production, Revenue, Price and Gross Margin (2020-2025)

## **10 KEY COMPANIES PROFILE**

10.1 ABB

10.1.1 ABB Basic Information

10.1.2 ABB Electric Traction Engine Product Overview

- 10.1.3 ABB Electric Traction Engine Product Market Performance
- 10.1.4 ABB Business Overview
- 10.1.5 ABB SWOT Analysis
- 10.1.6 ABB Recent Developments
- 10.2 Mitsubishi Electric
  - 10.2.1 Mitsubishi Electric Basic Information
  - 10.2.2 Mitsubishi Electric Electric Traction Engine Product Overview
  - 10.2.3 Mitsubishi Electric Electric Traction Engine Product Market Performance
  - 10.2.4 Mitsubishi Electric Business Overview
  - 10.2.5 Mitsubishi Electric SWOT Analysis
  - 10.2.6 Mitsubishi Electric Recent Developments
- 10.3 Wabtec
  - 10.3.1 Wabtec Basic Information
  - 10.3.2 Wabtec Electric Traction Engine Product Overview
  - 10.3.3 Wabtec Electric Traction Engine Product Market Performance
  - 10.3.4 Wabtec Business Overview
  - 10.3.5 Wabtec SWOT Analysis
  - 10.3.6 Wabtec Recent Developments
- 10.4 BOSCH
  - 10.4.1 BOSCH Basic Information
  - 10.4.2 BOSCH Electric Traction Engine Product Overview
  - 10.4.3 BOSCH Electric Traction Engine Product Market Performance
  - 10.4.4 BOSCH Business Overview
  - 10.4.5 BOSCH Recent Developments
- 10.5 SIEMENS
  - 10.5.1 SIEMENS Basic Information
  - 10.5.2 SIEMENS Electric Traction Engine Product Overview
  - 10.5.3 SIEMENS Electric Traction Engine Product Market Performance
  - 10.5.4 SIEMENS Business Overview
  - 10.5.5 SIEMENS Recent Developments
- 10.6 Hitachi
  - 10.6.1 Hitachi Basic Information
  - 10.6.2 Hitachi Electric Traction Engine Product Overview
  - 10.6.3 Hitachi Electric Traction Engine Product Market Performance
  - 10.6.4 Hitachi Business Overview
  - 10.6.5 Hitachi Recent Developments
- 10.7 Toyo Denki
  - 10.7.1 Toyo Denki Basic Information
  - 10.7.2 Toyo Denki Electric Traction Engine Product Overview

- 10.7.3 Toyo Denki Electric Traction Engine Product Market Performance
- 10.7.4 Toyo Denki Business Overview
- 10.7.5 Toyo Denki Recent Developments
- 10.8 TOSHIBA
  - 10.8.1 TOSHIBA Basic Information
  - 10.8.2 TOSHIBA Electric Traction Engine Product Overview
  - 10.8.3 TOSHIBA Electric Traction Engine Product Market Performance
  - 10.8.4 TOSHIBA Business Overview
  - 10.8.5 TOSHIBA Recent Developments
- 10.9 Broad-Ocean
  - 10.9.1 Broad-Ocean Basic Information
  - 10.9.2 Broad-Ocean Electric Traction Engine Product Overview
  - 10.9.3 Broad-Ocean Electric Traction Engine Product Market Performance
  - 10.9.4 Broad-Ocean Business Overview
  - 10.9.5 Broad-Ocean Recent Developments
- 10.10 Alstom
  - 10.10.1 Alstom Basic Information
  - 10.10.2 Alstom Electric Traction Engine Product Overview
  - 10.10.3 Alstom Electric Traction Engine Product Market Performance
  - 10.10.4 Alstom Business Overview
  - 10.10.5 Alstom Recent Developments
- 10.11 Bombardier
  - 10.11.1 Bombardier Basic Information
  - 10.11.2 Bombardier Electric Traction Engine Product Overview
  - 10.11.3 Bombardier Electric Traction Engine Product Market Performance
  - 10.11.4 Bombardier Business Overview
  - 10.11.5 Bombardier Recent Developments
- 10.12 EMD
  - 10.12.1 EMD Basic Information
  - 10.12.2 EMD Electric Traction Engine Product Overview
  - 10.12.3 EMD Electric Traction Engine Product Market Performance
  - 10.12.4 EMD Business Overview
  - 10.12.5 EMD Recent Developments
- 10.13 Westinghouse
  - 10.13.1 Westinghouse Basic Information
  - 10.13.2 Westinghouse Electric Traction Engine Product Overview
  - 10.13.3 Westinghouse Electric Traction Engine Product Market Performance
  - 10.13.4 Westinghouse Business Overview
  - 10.13.5 Westinghouse Recent Developments

#### 10.14 VEM Group

##### 10.14.1 VEM Group Basic Information

##### 10.14.2 VEM Group Electric Traction Engine Product Overview

##### 10.14.3 VEM Group Electric Traction Engine Product Market Performance

##### 10.14.4 VEM Group Business Overview

##### 10.14.5 VEM Group Recent Developments

### **11 ELECTRIC TRACTION ENGINE MARKET FORECAST BY REGION**

#### 11.1 Global Electric Traction Engine Market Size Forecast

#### 11.2 Global Electric Traction Engine Market Forecast by Region

##### 11.2.1 North America Market Size Forecast by Country

##### 11.2.2 Europe Electric Traction Engine Market Size Forecast by Country

##### 11.2.3 Asia Pacific Electric Traction Engine Market Size Forecast by Region

##### 11.2.4 South America Electric Traction Engine Market Size Forecast by Country

##### 11.2.5 Middle East and Africa Forecasted Sales of Electric Traction Engine by Country

### **12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2033)**

#### 12.1 Global Electric Traction Engine Market Forecast by Type (2026-2033)

##### 12.1.1 Global Forecasted Sales of Electric Traction Engine by Type (2026-2033)

##### 12.1.2 Global Electric Traction Engine Market Size Forecast by Type (2026-2033)

##### 12.1.3 Global Forecasted Price of Electric Traction Engine by Type (2026-2033)

#### 12.2 Global Electric Traction Engine Market Forecast by Application (2026-2033)

##### 12.2.1 Global Electric Traction Engine Sales (K Units) Forecast by Application

##### 12.2.2 Global Electric Traction Engine Market Size (M USD) Forecast by Application (2026-2033)

### **13 CONCLUSION AND KEY FINDINGS**

## List Of Tables

### LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. Electric Traction Engine Market Size Comparison by Region (M USD)

Table 5. Global Electric Traction Engine Sales (K Units) by Manufacturers (2020-2025)

Table 6. Global Electric Traction Engine Sales Market Share by Manufacturers (2020-2025)

Table 7. Global Electric Traction Engine Revenue (M USD) by Manufacturers (2020-2025)

Table 8. Global Electric Traction Engine Revenue Share by Manufacturers (2020-2025)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Electric Traction Engine as of 2024)

Table 10. Global Market Electric Traction Engine Average Price (USD/Unit) of Key Manufacturers (2020-2025)

Table 11. Manufacturers? Manufacturing Sites, Areas Served

Table 12. Manufacturers? Product Type

Table 13. Global Electric Traction Engine Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Market Overview of Key Raw Materials

Table 16. Midstream Market Analysis

Table 17. Downstream Customer Analysis

Table 18. Key Development Trends

Table 19. Driving Factors

Table 20. Electric Traction Engine Market Challenges

Table 21. Goldman Sachs' forecast real GDP growth rate for 2024-2026

Table 22. S&P Global ' Forecast Real GDP Growth Rate For 2024-2027

Table 23. World Bank ' Forecast Real GDP Growth Rate For 2024-2026

Table 24. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 25. Global Electric Traction Engine Sales by Type (K Units)

Table 26. Global Electric Traction Engine Market Size by Type (M USD)

Table 27. Global Electric Traction Engine Sales (K Units) by Type (2020-2025)

Table 28. Global Electric Traction Engine Sales Market Share by Type (2020-2025)

Table 29. Global Electric Traction Engine Market Size (M USD) by Type (2020-2025)

Table 30. Global Electric Traction Engine Market Size Share by Type (2020-2025)

Table 31. Global Electric Traction Engine Price (USD/Unit) by Type (2020-2025)

Table 32. Global Electric Traction Engine Sales (K Units) by Application

Table 33. Global Electric Traction Engine Market Size by Application

Table 34. Global Electric Traction Engine Sales by Application (2020-2025) & (K Units)

Table 35. Global Electric Traction Engine Sales Market Share by Application  
(2020-2025)

Table 36. Global Electric Traction Engine Market Size by Application (2020-2025) & (M  
USD)

Table 37. Global Electric Traction Engine Market Share by Application (2020-2025)

Table 38. Global Electric Traction Engine Sales Growth Rate by Application  
(2020-2025)

Table 39. Global Electric Traction Engine Sales by Region (2020-2025) & (K Units)

Table 40. Global Electric Traction Engine Sales Market Share by Region (2020-2025)

Table 41. Global Electric Traction Engine Market Size by Region (2020-2025) & (M  
USD)

Table 42. Global Electric Traction Engine Market Size Market Share by Region  
(2020-2025)

Table 43. North America Electric Traction Engine Sales by Country (2020-2025) & (K  
Units)

Table 44. North America Electric Traction Engine Market Size by Country (2020-2025)  
& (M USD)

Table 45. Europe Electric Traction Engine Sales by Country (2020-2025) & (K Units)

Table 46. Europe Electric Traction Engine Market Size by Country (2020-2025) & (M  
USD)

Table 47. Asia Pacific Electric Traction Engine Sales by Region (2020-2025) & (K Units)

Table 48. Asia Pacific Electric Traction Engine Market Size by Region (2020-2025) & (M  
USD)

Table 49. South America Electric Traction Engine Sales by Country (2020-2025) & (K  
Units)

Table 50. South America Electric Traction Engine Market Size by Country (2020-2025)  
& (M USD)

Table 51. Middle East and Africa Electric Traction Engine Sales by Region (2020-2025)  
& (K Units)

Table 52. Middle East and Africa Electric Traction Engine Market Size by Region  
(2020-2025) & (M USD)

Table 53. Global Electric Traction Engine Production (K Units) by Region(2020-2025)

Table 54. Global Electric Traction Engine Revenue (US\$ Million) by Region (2020-2025)

Table 55. Global Electric Traction Engine Revenue Market Share by Region

(2020-2025)

Table 56. Global Electric Traction Engine Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 57. North America Electric Traction Engine Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 58. Europe Electric Traction Engine Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 59. Japan Electric Traction Engine Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 60. China Electric Traction Engine Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 61. ABB Basic Information

Table 62. ABB Electric Traction Engine Product Overview

Table 63. ABB Electric Traction Engine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 64. ABB Business Overview

Table 65. ABB SWOT Analysis

Table 66. ABB Recent Developments

Table 67. Mitsubishi Electric Basic Information

Table 68. Mitsubishi Electric Electric Traction Engine Product Overview

Table 69. Mitsubishi Electric Electric Traction Engine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 70. Mitsubishi Electric Business Overview

Table 71. Mitsubishi Electric SWOT Analysis

Table 72. Mitsubishi Electric Recent Developments

Table 73. Wabtec Basic Information

Table 74. Wabtec Electric Traction Engine Product Overview

Table 75. Wabtec Electric Traction Engine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 76. Wabtec Business Overview

Table 77. Wabtec SWOT Analysis

Table 78. Wabtec Recent Developments

Table 79. BOSCH Basic Information

Table 80. BOSCH Electric Traction Engine Product Overview

Table 81. BOSCH Electric Traction Engine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 82. BOSCH Business Overview

Table 83. BOSCH Recent Developments

Table 84. SIEMENS Basic Information

|                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------|
| Table 85. SIEMENS Electric Traction Engine Product Overview                                                                     |
| Table 86. SIEMENS Electric Traction Engine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)      |
| Table 87. SIEMENS Business Overview                                                                                             |
| Table 88. SIEMENS Recent Developments                                                                                           |
| Table 89. Hitachi Basic Information                                                                                             |
| Table 90. Hitachi Electric Traction Engine Product Overview                                                                     |
| Table 91. Hitachi Electric Traction Engine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)      |
| Table 92. Hitachi Business Overview                                                                                             |
| Table 93. Hitachi Recent Developments                                                                                           |
| Table 94. Toyo Denki Basic Information                                                                                          |
| Table 95. Toyo Denki Electric Traction Engine Product Overview                                                                  |
| Table 96. Toyo Denki Electric Traction Engine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)   |
| Table 97. Toyo Denki Business Overview                                                                                          |
| Table 98. Toyo Denki Recent Developments                                                                                        |
| Table 99. TOSHIBA Basic Information                                                                                             |
| Table 100. TOSHIBA Electric Traction Engine Product Overview                                                                    |
| Table 101. TOSHIBA Electric Traction Engine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)     |
| Table 102. TOSHIBA Business Overview                                                                                            |
| Table 103. TOSHIBA Recent Developments                                                                                          |
| Table 104. Broad-Ocean Basic Information                                                                                        |
| Table 105. Broad-Ocean Electric Traction Engine Product Overview                                                                |
| Table 106. Broad-Ocean Electric Traction Engine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025) |
| Table 107. Broad-Ocean Business Overview                                                                                        |
| Table 108. Broad-Ocean Recent Developments                                                                                      |
| Table 109. Alstom Basic Information                                                                                             |
| Table 110. Alstom Electric Traction Engine Product Overview                                                                     |
| Table 111. Alstom Electric Traction Engine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)      |
| Table 112. Alstom Business Overview                                                                                             |
| Table 113. Alstom Recent Developments                                                                                           |
| Table 114. Bombardier Basic Information                                                                                         |
| Table 115. Bombardier Electric Traction Engine Product Overview                                                                 |
| Table 116. Bombardier Electric Traction Engine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)  |

|                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------|
| Table 117. Bombardier Business Overview                                                                                          |
| Table 118. Bombardier Recent Developments                                                                                        |
| Table 119. EMD Basic Information                                                                                                 |
| Table 120. EMD Electric Traction Engine Product Overview                                                                         |
| Table 121. EMD Electric Traction Engine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)          |
| Table 122. EMD Business Overview                                                                                                 |
| Table 123. EMD Recent Developments                                                                                               |
| Table 124. Westinghouse Basic Information                                                                                        |
| Table 125. Westinghouse Electric Traction Engine Product Overview                                                                |
| Table 126. Westinghouse Electric Traction Engine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025) |
| Table 127. Westinghouse Business Overview                                                                                        |
| Table 128. Westinghouse Recent Developments                                                                                      |
| Table 129. VEM Group Basic Information                                                                                           |
| Table 130. VEM Group Electric Traction Engine Product Overview                                                                   |
| Table 131. VEM Group Electric Traction Engine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)    |
| Table 132. VEM Group Business Overview                                                                                           |
| Table 133. VEM Group Recent Developments                                                                                         |
| Table 134. Global Electric Traction Engine Sales Forecast by Region (2026-2033) & (K Units)                                      |
| Table 135. Global Electric Traction Engine Market Size Forecast by Region (2026-2033) & (M USD)                                  |
| Table 136. North America Electric Traction Engine Sales Forecast by Country (2026-2033) & (K Units)                              |
| Table 137. North America Electric Traction Engine Market Size Forecast by Country (2026-2033) & (M USD)                          |
| Table 138. Europe Electric Traction Engine Sales Forecast by Country (2026-2033) & (K Units)                                     |
| Table 139. Europe Electric Traction Engine Market Size Forecast by Country (2026-2033) & (M USD)                                 |
| Table 140. Asia Pacific Electric Traction Engine Sales Forecast by Region (2026-2033) & (K Units)                                |
| Table 141. Asia Pacific Electric Traction Engine Market Size Forecast by Region (2026-2033) & (M USD)                            |
| Table 142. South America Electric Traction Engine Sales Forecast by Country (2026-2033) & (K Units)                              |
| Table 143. South America Electric Traction Engine Market Size Forecast by Country                                                |

(2026-2033) & (M USD)

Table 144. Middle East and Africa Electric Traction Engine Sales Forecast by Country (2026-2033) & (Units)

Table 145. Middle East and Africa Electric Traction Engine Market Size Forecast by Country (2026-2033) & (M USD)

Table 146. Global Electric Traction Engine Sales Forecast by Type (2026-2033) & (K Units)

Table 147. Global Electric Traction Engine Market Size Forecast by Type (2026-2033) & (M USD)

Table 148. Global Electric Traction Engine Price Forecast by Type (2026-2033) & (USD/Unit)

Table 149. Global Electric Traction Engine Sales (K Units) Forecast by Application (2026-2033)

Table 150. Global Electric Traction Engine Market Size Forecast by Application (2026-2033) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Electric Traction Engine
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Electric Traction Engine Market Size (M USD), 2024-2033
- Figure 5. Global Electric Traction Engine Market Size (M USD) (2020-2033)
- Figure 6. Global Electric Traction Engine Sales (K Units) & (2020-2033)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Electric Traction Engine Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Electric Traction Engine Product Life Cycle
- Figure 13. Electric Traction Engine Sales Share by Manufacturers in 2024
- Figure 14. Global Electric Traction Engine Revenue Share by Manufacturers in 2024
- Figure 15. Electric Traction Engine Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2024
- Figure 16. Global Market Electric Traction Engine Average Price (USD/Unit) of Key Manufacturers in 2024
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Electric Traction Engine Revenue in 2024
- Figure 18. Industry Chain Map of Electric Traction Engine
- Figure 19. Global Electric Traction Engine Market PEST Analysis
- Figure 20. Global Electric Traction Engine Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Electric Traction Engine Market Share by Type
- Figure 27. Sales Market Share of Electric Traction Engine by Type (2020-2025)
- Figure 28. Sales Market Share of Electric Traction Engine by Type in 2024
- Figure 29. Market Size Share of Electric Traction Engine by Type (2020-2025)
- Figure 30. Market Size Share of Electric Traction Engine by Type in 2024
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global Electric Traction Engine Market Share by Application

Figure 33. Global Electric Traction Engine Sales Market Share by Application (2020-2025)

Figure 34. Global Electric Traction Engine Sales Market Share by Application in 2024

Figure 35. Global Electric Traction Engine Market Share by Application (2020-2025)

Figure 36. Global Electric Traction Engine Market Share by Application in 2024

Figure 37. Global Electric Traction Engine Sales Growth Rate by Application (2020-2025)

Figure 38. Global Electric Traction Engine Sales Market Share by Region (2020-2025)

Figure 39. Global Electric Traction Engine Market Size Market Share by Region (2020-2025)

Figure 40. North America Electric Traction Engine Sales and Growth Rate (2020-2025) & (K Units)

Figure 41. North America Electric Traction Engine Sales and Growth Rate (2020-2025) & (K Units)

Figure 42. North America Electric Traction Engine Sales Market Share by Country in 2024

Figure 43. North America Electric Traction Engine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Electric Traction Engine Market Size Market Share by Country in 2024

Figure 45. U.S. Electric Traction Engine Sales and Growth Rate (2020-2025) & (K Units)

Figure 46. U.S. Electric Traction Engine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Electric Traction Engine Sales (K Units) and Growth Rate (2020-2025)

Figure 48. Canada Electric Traction Engine Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico Electric Traction Engine Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Electric Traction Engine Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Electric Traction Engine Sales and Growth Rate (2020-2025) & (K Units)

Figure 52. Europe Electric Traction Engine Sales Market Share by Country in 2024

Figure 53. Europe Electric Traction Engine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Electric Traction Engine Market Size Market Share by Country in 2024

Figure 55. Germany Electric Traction Engine Sales and Growth Rate (2020-2025) & (K

Units)

Figure 56. Germany Electric Traction Engine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Electric Traction Engine Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France Electric Traction Engine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Electric Traction Engine Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. Electric Traction Engine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Electric Traction Engine Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy Electric Traction Engine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Electric Traction Engine Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain Electric Traction Engine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Electric Traction Engine Sales and Growth Rate (K Units)

Figure 66. Asia Pacific Electric Traction Engine Sales Market Share by Region in 2024

Figure 67. Asia Pacific Electric Traction Engine Market Size Market Share by Region in 2024

Figure 68. China Electric Traction Engine Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China Electric Traction Engine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Electric Traction Engine Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan Electric Traction Engine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Electric Traction Engine Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea Electric Traction Engine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Electric Traction Engine Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India Electric Traction Engine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Electric Traction Engine Sales and Growth Rate (2020-2025)

& (K Units)

Figure 77. Southeast Asia Electric Traction Engine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Electric Traction Engine Sales and Growth Rate (K Units)

Figure 79. South America Electric Traction Engine Sales Market Share by Country in 2024

Figure 80. South America Electric Traction Engine Market Size and Growth Rate (M USD)

Figure 81. South America Electric Traction Engine Market Size Market Share by Country in 2024

Figure 82. Brazil Electric Traction Engine Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil Electric Traction Engine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Electric Traction Engine Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina Electric Traction Engine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Electric Traction Engine Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia Electric Traction Engine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Electric Traction Engine Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa Electric Traction Engine Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Electric Traction Engine Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Electric Traction Engine Market Size Market Share by Region in 2024

Figure 92. Saudi Arabia Electric Traction Engine Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia Electric Traction Engine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Electric Traction Engine Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE Electric Traction Engine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Electric Traction Engine Sales and Growth Rate (2020-2025) & (K

Units)

Figure 97. Egypt Electric Traction Engine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Electric Traction Engine Sales and Growth Rate (2020-2025) & (K Units)

Figure 99. Nigeria Electric Traction Engine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Electric Traction Engine Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa Electric Traction Engine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Electric Traction Engine Production Market Share by Region (2020-2025)

Figure 103. North America Electric Traction Engine Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe Electric Traction Engine Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan Electric Traction Engine Production (K Units) Growth Rate (2020-2025)

Figure 106. China Electric Traction Engine Production (K Units) Growth Rate (2020-2025)

Figure 107. Global Electric Traction Engine Sales Forecast by Volume (2020-2033) & (K Units)

Figure 108. Global Electric Traction Engine Market Size Forecast by Value (2020-2033) & (M USD)

Figure 109. Global Electric Traction Engine Sales Market Share Forecast by Type (2026-2033)

Figure 110. Global Electric Traction Engine Market Share Forecast by Type (2026-2033)

Figure 111. Global Electric Traction Engine Sales Forecast by Application (2026-2033)

Figure 112. Global Electric Traction Engine Market Share Forecast by Application (2026-2033)

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