

Global Train Traction System Supply, Demand and Key Producers, 2023-2029

https://marketpublishers.com/r/GC8759DD2617EN.html

Date: November 2023

Pages: 140

Price: US\$ 4,480.00 (Single User License)

ID: GC8759DD2617EN

Abstracts

The global Train Traction System market size is expected to reach \$ 47610 million by 2029, rising at a market growth of 4.9% CAGR during the forecast period (2023-2029).

The train traction system is the core part of urban rail transit vehicles and the power source of the train. It mainly realizes the traction and braking of the train.

This report studies the global Train Traction System production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Train Traction System, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Train Traction System that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Train Traction System total production and demand, 2018-2029, (K Units)

Global Train Traction System total production value, 2018-2029, (USD Million)

Global Train Traction System production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Train Traction System consumption by region & country, CAGR, 2018-2029 & (K Units)



U.S. VS China: Train Traction System domestic production, consumption, key domestic manufacturers and share

Global Train Traction System production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Train Traction System production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Train Traction System production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Train Traction System market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Siemens, Alston, ABB, Traktionssysteme, Ingeteam, Hitachi Group Company, Medha Traction Equipment Pvt. Ltd., BHEL and Bombardier, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Train Traction System market.

Detailed Segmentation:

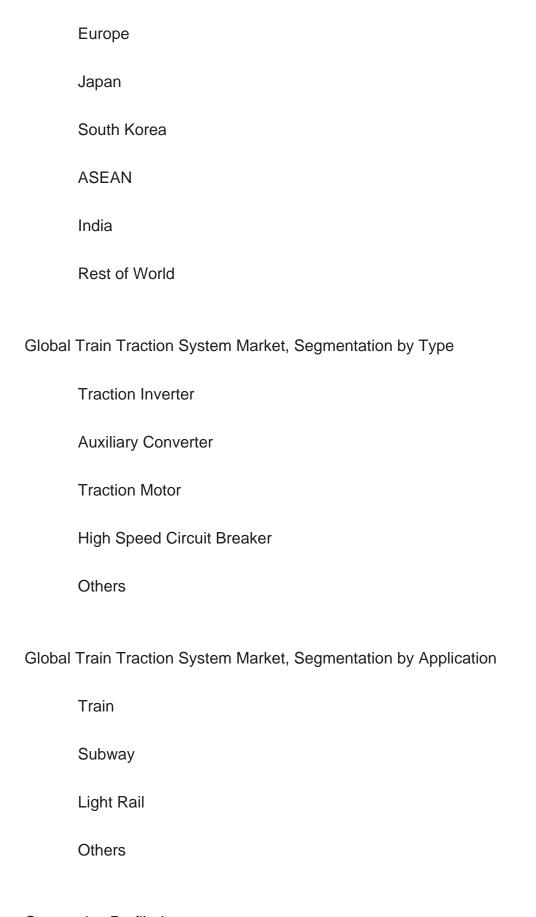
Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Train Traction System Market, By Region:

United States

China





Companies Profiled:



	Siemens		
	Alston		
	ABB		
	Traktionssysteme		
	Ingeteam		
	Hitachi Group Company		
	Medha Traction Equipment Pvt. Ltd.		
	BHEL		
	Bombardier		
	Hyundai Rotem Company		
	Saini Group		
	Sulzer Ltd.		
	VEM Group		
	Zhuzhou CRRC Times Electric Co., Ltd.		
Q	Questions Answered		

Key C

- 1. How big is the global Train Traction System market?
- 2. What is the demand of the global Train Traction System market?
- 3. What is the year over year growth of the global Train Traction System market?
- 4. What is the production and production value of the global Train Traction System market?



5. Who are the key producers in the global Train Traction System market?



Contents

1 SUPPLY SUMMARY

- 1.1 Train Traction System Introduction
- 1.2 World Train Traction System Supply & Forecast
- 1.2.1 World Train Traction System Production Value (2018 & 2022 & 2029)
- 1.2.2 World Train Traction System Production (2018-2029)
- 1.2.3 World Train Traction System Pricing Trends (2018-2029)
- 1.3 World Train Traction System Production by Region (Based on Production Site)
 - 1.3.1 World Train Traction System Production Value by Region (2018-2029)
 - 1.3.2 World Train Traction System Production by Region (2018-2029)
 - 1.3.3 World Train Traction System Average Price by Region (2018-2029)
 - 1.3.4 North America Train Traction System Production (2018-2029)
 - 1.3.5 Europe Train Traction System Production (2018-2029)
 - 1.3.6 China Train Traction System Production (2018-2029)
 - 1.3.7 Japan Train Traction System Production (2018-2029)
 - 1.3.8 South Korea Train Traction System Production (2018-2029)
 - 1.3.9 India Train Traction System Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Train Traction System Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Train Traction System Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Train Traction System Demand (2018-2029)
- 2.2 World Train Traction System Consumption by Region
 - 2.2.1 World Train Traction System Consumption by Region (2018-2023)
 - 2.2.2 World Train Traction System Consumption Forecast by Region (2024-2029)
- 2.3 United States Train Traction System Consumption (2018-2029)
- 2.4 China Train Traction System Consumption (2018-2029)
- 2.5 Europe Train Traction System Consumption (2018-2029)
- 2.6 Japan Train Traction System Consumption (2018-2029)
- 2.7 South Korea Train Traction System Consumption (2018-2029)
- 2.8 ASEAN Train Traction System Consumption (2018-2029)
- 2.9 India Train Traction System Consumption (2018-2029)

3 WORLD TRAIN TRACTION SYSTEM MANUFACTURERS COMPETITIVE



ANALYSIS

- 3.1 World Train Traction System Production Value by Manufacturer (2018-2023)
- 3.2 World Train Traction System Production by Manufacturer (2018-2023)
- 3.3 World Train Traction System Average Price by Manufacturer (2018-2023)
- 3.4 Train Traction System Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Train Traction System Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Train Traction System in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for Train Traction System in 2022
- 3.6 Train Traction System Market: Overall Company Footprint Analysis
 - 3.6.1 Train Traction System Market: Region Footprint
 - 3.6.2 Train Traction System Market: Company Product Type Footprint
 - 3.6.3 Train Traction System Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Train Traction System Production Value Comparison
- 4.1.1 United States VS China: Train Traction System Production Value Comparison (2018 & 2022 & 2029)
- 4.1.2 United States VS China: Train Traction System Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Train Traction System Production Comparison
- 4.2.1 United States VS China: Train Traction System Production Comparison (2018 & 2022 & 2029)
- 4.2.2 United States VS China: Train Traction System Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Train Traction System Consumption Comparison
- 4.3.1 United States VS China: Train Traction System Consumption Comparison (2018 & 2022 & 2029)
- 4.3.2 United States VS China: Train Traction System Consumption Market Share Comparison (2018 & 2022 & 2029)
- 4.4 United States Based Train Traction System Manufacturers and Market Share,



2018-2023

- 4.4.1 United States Based Train Traction System Manufacturers, Headquarters and Production Site (States, Country)
- 4.4.2 United States Based Manufacturers Train Traction System Production Value (2018-2023)
- 4.4.3 United States Based Manufacturers Train Traction System Production (2018-2023)
- 4.5 China Based Train Traction System Manufacturers and Market Share
- 4.5.1 China Based Train Traction System Manufacturers, Headquarters and Production Site (Province, Country)
- 4.5.2 China Based Manufacturers Train Traction System Production Value (2018-2023)
- 4.5.3 China Based Manufacturers Train Traction System Production (2018-2023)
- 4.6 Rest of World Based Train Traction System Manufacturers and Market Share, 2018-2023
- 4.6.1 Rest of World Based Train Traction System Manufacturers, Headquarters and Production Site (State, Country)
- 4.6.2 Rest of World Based Manufacturers Train Traction System Production Value (2018-2023)
- 4.6.3 Rest of World Based Manufacturers Train Traction System Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

- 5.1 World Train Traction System Market Size Overview by Type: 2018 VS 2022 VS2029
- 5.2 Segment Introduction by Type
 - 5.2.1 Traction Inverter
 - 5.2.2 Auxiliary Converter
 - 5.2.3 Traction Motor
 - 5.2.4 High Speed Circuit Breaker
 - 5.2.5 Others
- 5.3 Market Segment by Type
 - 5.3.1 World Train Traction System Production by Type (2018-2029)
 - 5.3.2 World Train Traction System Production Value by Type (2018-2029)
 - 5.3.3 World Train Traction System Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION



- 6.1 World Train Traction System Market Size Overview by Application: 2018 VS 2022 VS 2029
- 6.2 Segment Introduction by Application
 - 6.2.1 Train
 - 6.2.2 Subway
 - 6.2.3 Light Rail
 - 6.2.4 Others
- 6.3 Market Segment by Application
 - 6.3.1 World Train Traction System Production by Application (2018-2029)
 - 6.3.2 World Train Traction System Production Value by Application (2018-2029)
 - 6.3.3 World Train Traction System Average Price by Application (2018-2029)

7 COMPANY PROFILES

- 7.1 Siemens
 - 7.1.1 Siemens Details
 - 7.1.2 Siemens Major Business
 - 7.1.3 Siemens Train Traction System Product and Services
- 7.1.4 Siemens Train Traction System Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.1.5 Siemens Recent Developments/Updates
 - 7.1.6 Siemens Competitive Strengths & Weaknesses
- 7.2 Alston
 - 7.2.1 Alston Details
 - 7.2.2 Alston Major Business
 - 7.2.3 Alston Train Traction System Product and Services
- 7.2.4 Alston Train Traction System Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.2.5 Alston Recent Developments/Updates
- 7.2.6 Alston Competitive Strengths & Weaknesses
- 7.3 ABB
 - 7.3.1 ABB Details
 - 7.3.2 ABB Major Business
 - 7.3.3 ABB Train Traction System Product and Services
- 7.3.4 ABB Train Traction System Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.3.5 ABB Recent Developments/Updates
 - 7.3.6 ABB Competitive Strengths & Weaknesses
- 7.4 Traktionssysteme



- 7.4.1 Traktionssysteme Details
- 7.4.2 Traktionssysteme Major Business
- 7.4.3 Traktionssysteme Train Traction System Product and Services
- 7.4.4 Traktionssysteme Train Traction System Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.4.5 Traktionssysteme Recent Developments/Updates
- 7.4.6 Traktionssysteme Competitive Strengths & Weaknesses

7.5 Ingeteam

- 7.5.1 Ingeteam Details
- 7.5.2 Ingeteam Major Business
- 7.5.3 Ingeteam Train Traction System Product and Services
- 7.5.4 Ingeteam Train Traction System Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 Ingeteam Recent Developments/Updates
 - 7.5.6 Ingeteam Competitive Strengths & Weaknesses
- 7.6 Hitachi Group Company
 - 7.6.1 Hitachi Group Company Details
 - 7.6.2 Hitachi Group Company Major Business
 - 7.6.3 Hitachi Group Company Train Traction System Product and Services
- 7.6.4 Hitachi Group Company Train Traction System Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 Hitachi Group Company Recent Developments/Updates
- 7.6.6 Hitachi Group Company Competitive Strengths & Weaknesses
- 7.7 Medha Traction Equipment Pvt. Ltd.
 - 7.7.1 Medha Traction Equipment Pvt. Ltd. Details
 - 7.7.2 Medha Traction Equipment Pvt. Ltd. Major Business
 - 7.7.3 Medha Traction Equipment Pvt. Ltd. Train Traction System Product and Services
 - 7.7.4 Medha Traction Equipment Pvt. Ltd. Train Traction System Production, Price,
- Value, Gross Margin and Market Share (2018-2023)
- 7.7.5 Medha Traction Equipment Pvt. Ltd. Recent Developments/Updates
- 7.7.6 Medha Traction Equipment Pvt. Ltd. Competitive Strengths & Weaknesses 7.8 BHEL
- 7.8.1 BHEL Details
- 7.8.2 BHEL Major Business
- 7.8.3 BHEL Train Traction System Product and Services
- 7.8.4 BHEL Train Traction System Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.8.5 BHEL Recent Developments/Updates
 - 7.8.6 BHEL Competitive Strengths & Weaknesses



- 7.9 Bombardier
 - 7.9.1 Bombardier Details
 - 7.9.2 Bombardier Major Business
 - 7.9.3 Bombardier Train Traction System Product and Services
- 7.9.4 Bombardier Train Traction System Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.9.5 Bombardier Recent Developments/Updates
 - 7.9.6 Bombardier Competitive Strengths & Weaknesses
- 7.10 Hyundai Rotem Company
 - 7.10.1 Hyundai Rotem Company Details
 - 7.10.2 Hyundai Rotem Company Major Business
 - 7.10.3 Hyundai Rotem Company Train Traction System Product and Services
 - 7.10.4 Hyundai Rotem Company Train Traction System Production, Price, Value,

Gross Margin and Market Share (2018-2023)

- 7.10.5 Hyundai Rotem Company Recent Developments/Updates
- 7.10.6 Hyundai Rotem Company Competitive Strengths & Weaknesses
- 7.11 Saini Group
 - 7.11.1 Saini Group Details
 - 7.11.2 Saini Group Major Business
 - 7.11.3 Saini Group Train Traction System Product and Services
- 7.11.4 Saini Group Train Traction System Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.11.5 Saini Group Recent Developments/Updates
 - 7.11.6 Saini Group Competitive Strengths & Weaknesses
- 7.12 Sulzer Ltd.
 - 7.12.1 Sulzer Ltd. Details
 - 7.12.2 Sulzer Ltd. Major Business
 - 7.12.3 Sulzer Ltd. Train Traction System Product and Services
- 7.12.4 Sulzer Ltd. Train Traction System Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.12.5 Sulzer Ltd. Recent Developments/Updates
 - 7.12.6 Sulzer Ltd. Competitive Strengths & Weaknesses
- 7.13 VEM Group
 - 7.13.1 VEM Group Details
 - 7.13.2 VEM Group Major Business
 - 7.13.3 VEM Group Train Traction System Product and Services
- 7.13.4 VEM Group Train Traction System Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.13.5 VEM Group Recent Developments/Updates



- 7.13.6 VEM Group Competitive Strengths & Weaknesses
- 7.14 Zhuzhou CRRC Times Electric Co., Ltd.
 - 7.14.1 Zhuzhou CRRC Times Electric Co., Ltd. Details
 - 7.14.2 Zhuzhou CRRC Times Electric Co., Ltd. Major Business
- 7.14.3 Zhuzhou CRRC Times Electric Co., Ltd. Train Traction System Product and Services
- 7.14.4 Zhuzhou CRRC Times Electric Co., Ltd. Train Traction System Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.14.5 Zhuzhou CRRC Times Electric Co., Ltd. Recent Developments/Updates
- 7.14.6 Zhuzhou CRRC Times Electric Co., Ltd. Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 Train Traction System Industry Chain
- 8.2 Train Traction System Upstream Analysis
 - 8.2.1 Train Traction System Core Raw Materials
 - 8.2.2 Main Manufacturers of Train Traction System Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Train Traction System Production Mode
- 8.6 Train Traction System Procurement Model
- 8.7 Train Traction System Industry Sales Model and Sales Channels
 - 8.7.1 Train Traction System Sales Model
 - 8.7.2 Train Traction System Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer



List Of Tables

LIST OF TABLES

- Table 1. World Train Traction System Production Value by Region (2018, 2022 and 2029) & (USD Million)
- Table 2. World Train Traction System Production Value by Region (2018-2023) & (USD Million)
- Table 3. World Train Traction System Production Value by Region (2024-2029) & (USD Million)
- Table 4. World Train Traction System Production Value Market Share by Region (2018-2023)
- Table 5. World Train Traction System Production Value Market Share by Region (2024-2029)
- Table 6. World Train Traction System Production by Region (2018-2023) & (K Units)
- Table 7. World Train Traction System Production by Region (2024-2029) & (K Units)
- Table 8. World Train Traction System Production Market Share by Region (2018-2023)
- Table 9. World Train Traction System Production Market Share by Region (2024-2029)
- Table 10. World Train Traction System Average Price by Region (2018-2023) & (US\$/Unit)
- Table 11. World Train Traction System Average Price by Region (2024-2029) & (US\$/Unit)
- Table 12. Train Traction System Major Market Trends
- Table 13. World Train Traction System Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)
- Table 14. World Train Traction System Consumption by Region (2018-2023) & (K Units)
- Table 15. World Train Traction System Consumption Forecast by Region (2024-2029) & (K Units)
- Table 16. World Train Traction System Production Value by Manufacturer (2018-2023) & (USD Million)
- Table 17. Production Value Market Share of Key Train Traction System Producers in 2022
- Table 18. World Train Traction System Production by Manufacturer (2018-2023) & (K Units)
- Table 19. Production Market Share of Key Train Traction System Producers in 2022
- Table 20. World Train Traction System Average Price by Manufacturer (2018-2023) & (US\$/Unit)
- Table 21. Global Train Traction System Company Evaluation Quadrant
- Table 22. World Train Traction System Industry Rank of Major Manufacturers, Based on



Production Value in 2022

Table 23. Head Office and Train Traction System Production Site of Key Manufacturer

Table 24. Train Traction System Market: Company Product Type Footprint

Table 25. Train Traction System Market: Company Product Application Footprint

Table 26. Train Traction System Competitive Factors

Table 27. Train Traction System New Entrant and Capacity Expansion Plans

Table 28. Train Traction System Mergers & Acquisitions Activity

Table 29. United States VS China Train Traction System Production Value Comparison,

(2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Train Traction System Production Comparison, (2018)

& 2022 & 2029) & (K Units)

Table 31. United States VS China Train Traction System Consumption Comparison,

(2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Train Traction System Manufacturers, Headquarters and

Production Site (States, Country)

Table 33. United States Based Manufacturers Train Traction System Production Value,

(2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Train Traction System Production Value

Market Share (2018-2023)

Table 35. United States Based Manufacturers Train Traction System Production

(2018-2023) & (K Units)

Table 36. United States Based Manufacturers Train Traction System Production Market

Share (2018-2023)

Table 37. China Based Train Traction System Manufacturers, Headquarters and

Production Site (Province, Country)

Table 38. China Based Manufacturers Train Traction System Production Value,

(2018-2023) & (USD Million)

Table 39. China Based Manufacturers Train Traction System Production Value Market

Share (2018-2023)

Table 40. China Based Manufacturers Train Traction System Production (2018-2023) &

(K Units)

Table 41. China Based Manufacturers Train Traction System Production Market Share

(2018-2023)

Table 42. Rest of World Based Train Traction System Manufacturers, Headquarters and

Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Train Traction System Production Value,

(2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Train Traction System Production Value

Market Share (2018-2023)



- Table 45. Rest of World Based Manufacturers Train Traction System Production (2018-2023) & (K Units)
- Table 46. Rest of World Based Manufacturers Train Traction System Production Market Share (2018-2023)
- Table 47. World Train Traction System Production Value by Type, (USD Million), 2018 & 2022 & 2029
- Table 48. World Train Traction System Production by Type (2018-2023) & (K Units)
- Table 49. World Train Traction System Production by Type (2024-2029) & (K Units)
- Table 50. World Train Traction System Production Value by Type (2018-2023) & (USD Million)
- Table 51. World Train Traction System Production Value by Type (2024-2029) & (USD Million)
- Table 52. World Train Traction System Average Price by Type (2018-2023) & (US\$/Unit)
- Table 53. World Train Traction System Average Price by Type (2024-2029) & (US\$/Unit)
- Table 54. World Train Traction System Production Value by Application, (USD Million), 2018 & 2022 & 2029
- Table 55. World Train Traction System Production by Application (2018-2023) & (K Units)
- Table 56. World Train Traction System Production by Application (2024-2029) & (K Units)
- Table 57. World Train Traction System Production Value by Application (2018-2023) & (USD Million)
- Table 58. World Train Traction System Production Value by Application (2024-2029) & (USD Million)
- Table 59. World Train Traction System Average Price by Application (2018-2023) & (US\$/Unit)
- Table 60. World Train Traction System Average Price by Application (2024-2029) & (US\$/Unit)
- Table 61. Siemens Basic Information, Manufacturing Base and Competitors
- Table 62. Siemens Major Business
- Table 63. Siemens Train Traction System Product and Services
- Table 64. Siemens Train Traction System Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 65. Siemens Recent Developments/Updates
- Table 66. Siemens Competitive Strengths & Weaknesses
- Table 67. Alston Basic Information, Manufacturing Base and Competitors
- Table 68. Alston Major Business



- Table 69. Alston Train Traction System Product and Services
- Table 70. Alston Train Traction System Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

- Table 71. Alston Recent Developments/Updates
- Table 72. Alston Competitive Strengths & Weaknesses
- Table 73. ABB Basic Information, Manufacturing Base and Competitors
- Table 74. ABB Major Business
- Table 75. ABB Train Traction System Product and Services
- Table 76. ABB Train Traction System Production (K Units), Price (US\$/Unit), Production
- Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 77. ABB Recent Developments/Updates
- Table 78. ABB Competitive Strengths & Weaknesses
- Table 79. Traktionssysteme Basic Information, Manufacturing Base and Competitors
- Table 80. Traktionssysteme Major Business
- Table 81. Traktionssysteme Train Traction System Product and Services
- Table 82. Traktionssysteme Train Traction System Production (K Units), Price
- (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 83. Traktionssysteme Recent Developments/Updates
- Table 84. Traktionssysteme Competitive Strengths & Weaknesses
- Table 85. Ingeteam Basic Information, Manufacturing Base and Competitors
- Table 86. Ingeteam Major Business
- Table 87. Ingeteam Train Traction System Product and Services
- Table 88. Ingeteam Train Traction System Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 89. Ingeteam Recent Developments/Updates
- Table 90. Ingeteam Competitive Strengths & Weaknesses
- Table 91. Hitachi Group Company Basic Information, Manufacturing Base and Competitors
- Table 92. Hitachi Group Company Major Business
- Table 93. Hitachi Group Company Train Traction System Product and Services
- Table 94. Hitachi Group Company Train Traction System Production (K Units), Price
- (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 95. Hitachi Group Company Recent Developments/Updates
- Table 96. Hitachi Group Company Competitive Strengths & Weaknesses
- Table 97. Medha Traction Equipment Pvt. Ltd. Basic Information, Manufacturing Base and Competitors
- Table 98. Medha Traction Equipment Pvt. Ltd. Major Business



Table 99. Medha Traction Equipment Pvt. Ltd. Train Traction System Product and Services

Table 100. Medha Traction Equipment Pvt. Ltd. Train Traction System Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Medha Traction Equipment Pvt. Ltd. Recent Developments/Updates

Table 102. Medha Traction Equipment Pvt. Ltd. Competitive Strengths & Weaknesses

Table 103. BHEL Basic Information, Manufacturing Base and Competitors

Table 104. BHEL Major Business

Table 105. BHEL Train Traction System Product and Services

Table 106. BHEL Train Traction System Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. BHEL Recent Developments/Updates

Table 108. BHEL Competitive Strengths & Weaknesses

Table 109. Bombardier Basic Information, Manufacturing Base and Competitors

Table 110. Bombardier Major Business

Table 111. Bombardier Train Traction System Product and Services

Table 112. Bombardier Train Traction System Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Bombardier Recent Developments/Updates

Table 114. Bombardier Competitive Strengths & Weaknesses

Table 115. Hyundai Rotem Company Basic Information, Manufacturing Base and Competitors

Table 116. Hyundai Rotem Company Major Business

Table 117. Hyundai Rotem Company Train Traction System Product and Services

Table 118. Hyundai Rotem Company Train Traction System Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. Hyundai Rotem Company Recent Developments/Updates

Table 120. Hyundai Rotem Company Competitive Strengths & Weaknesses

Table 121. Saini Group Basic Information, Manufacturing Base and Competitors

Table 122. Saini Group Major Business

Table 123. Saini Group Train Traction System Product and Services

Table 124. Saini Group Train Traction System Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Saini Group Recent Developments/Updates

Table 126. Saini Group Competitive Strengths & Weaknesses

Table 127. Sulzer Ltd. Basic Information, Manufacturing Base and Competitors

Table 128. Sulzer Ltd. Major Business



- Table 129. Sulzer Ltd. Train Traction System Product and Services
- Table 130. Sulzer Ltd. Train Traction System Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 131. Sulzer Ltd. Recent Developments/Updates
- Table 132. Sulzer Ltd. Competitive Strengths & Weaknesses
- Table 133. VEM Group Basic Information, Manufacturing Base and Competitors
- Table 134. VEM Group Major Business
- Table 135. VEM Group Train Traction System Product and Services
- Table 136. VEM Group Train Traction System Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 137. VEM Group Recent Developments/Updates
- Table 138. Zhuzhou CRRC Times Electric Co., Ltd. Basic Information, Manufacturing Base and Competitors
- Table 139. Zhuzhou CRRC Times Electric Co., Ltd. Major Business
- Table 140. Zhuzhou CRRC Times Electric Co., Ltd. Train Traction System Product and Services
- Table 141. Zhuzhou CRRC Times Electric Co., Ltd. Train Traction System Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 142. Global Key Players of Train Traction System Upstream (Raw Materials)
- Table 143. Train Traction System Typical Customers
- Table 144. Train Traction System Typical Distributors

LIST OF FIGURE

- Figure 1. Train Traction System Picture
- Figure 2. World Train Traction System Production Value: 2018 & 2022 & 2029, (USD Million)
- Figure 3. World Train Traction System Production Value and Forecast (2018-2029) & (USD Million)
- Figure 4. World Train Traction System Production (2018-2029) & (K Units)
- Figure 5. World Train Traction System Average Price (2018-2029) & (US\$/Unit)
- Figure 6. World Train Traction System Production Value Market Share by Region (2018-2029)
- Figure 7. World Train Traction System Production Market Share by Region (2018-2029)
- Figure 8. North America Train Traction System Production (2018-2029) & (K Units)
- Figure 9. Europe Train Traction System Production (2018-2029) & (K Units)
- Figure 10. China Train Traction System Production (2018-2029) & (K Units)
- Figure 11. Japan Train Traction System Production (2018-2029) & (K Units)



- Figure 12. South Korea Train Traction System Production (2018-2029) & (K Units)
- Figure 13. India Train Traction System Production (2018-2029) & (K Units)
- Figure 14. Train Traction System Market Drivers
- Figure 15. Factors Affecting Demand
- Figure 16. World Train Traction System Consumption (2018-2029) & (K Units)
- Figure 17. World Train Traction System Consumption Market Share by Region (2018-2029)
- Figure 18. United States Train Traction System Consumption (2018-2029) & (K Units)
- Figure 19. China Train Traction System Consumption (2018-2029) & (K Units)
- Figure 20. Europe Train Traction System Consumption (2018-2029) & (K Units)
- Figure 21. Japan Train Traction System Consumption (2018-2029) & (K Units)
- Figure 22. South Korea Train Traction System Consumption (2018-2029) & (K Units)
- Figure 23. ASEAN Train Traction System Consumption (2018-2029) & (K Units)
- Figure 24. India Train Traction System Consumption (2018-2029) & (K Units)
- Figure 25. Producer Shipments of Train Traction System by Manufacturer Revenue (\$MM) and Market Share (%): 2022
- Figure 26. Global Four-firm Concentration Ratios (CR4) for Train Traction System Markets in 2022
- Figure 27. Global Four-firm Concentration Ratios (CR8) for Train Traction System Markets in 2022
- Figure 28. United States VS China: Train Traction System Production Value Market Share Comparison (2018 & 2022 & 2029)
- Figure 29. United States VS China: Train Traction System Production Market Share Comparison (2018 & 2022 & 2029)
- Figure 30. United States VS China: Train Traction System Consumption Market Share Comparison (2018 & 2022 & 2029)
- Figure 31. United States Based Manufacturers Train Traction System Production Market Share 2022
- Figure 32. China Based Manufacturers Train Traction System Production Market Share 2022
- Figure 33. Rest of World Based Manufacturers Train Traction System Production Market Share 2022
- Figure 34. World Train Traction System Production Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 35. World Train Traction System Production Value Market Share by Type in 2022
- Figure 36. Traction Inverter
- Figure 37. Auxiliary Converter
- Figure 38. Traction Motor



Figure 39. High Speed Circuit Breaker

Figure 40. Others

Figure 41. World Train Traction System Production Market Share by Type (2018-2029)

Figure 42. World Train Traction System Production Value Market Share by Type (2018-2029)

Figure 43. World Train Traction System Average Price by Type (2018-2029) & (US\$/Unit)

Figure 44. World Train Traction System Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 45. World Train Traction System Production Value Market Share by Application in 2022

Figure 46. Train

Figure 47. Subway

Figure 48. Light Rail

Figure 49. Others

Figure 50. World Train Traction System Production Market Share by Application (2018-2029)

Figure 51. World Train Traction System Production Value Market Share by Application (2018-2029)

Figure 52. World Train Traction System Average Price by Application (2018-2029) & (US\$/Unit)

Figure 53. Train Traction System Industry Chain

Figure 54. Train Traction System Procurement Model

Figure 55. Train Traction System Sales Model

Figure 56. Train Traction System Sales Channels, Direct Sales, and Distribution

Figure 57. Methodology

Figure 58. Research Process and Data Source



I would like to order

Product name: Global Train Traction System Supply, Demand and Key Producers, 2023-2029

Product link: https://marketpublishers.com/r/GC8759DD2617EN.html

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GC8759DD2617EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:	
Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970