

Global Traction Equipment Market Size Study & Forecast, By Type (Traction Transformers, Traction Converters, Traction Motors and Generators, others), By Application (Railways, Marine, Industrial Equipment, Electrical Vehicles, Others), and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/G1BC41B63AD2EN.html>

Date: April 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G1BC41B63AD2EN

Abstracts

Global Traction Equipment Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Traction equipment is a device or system designed to provide traction, which is the pulling or gripping force necessary to move objects or vehicles along a surface. This equipment is used across various industries and applications, including transportation, healthcare, industry, and agriculture. Moreover, the increasing demand for transportation infrastructure, growing focus on sustainable transportation, rising healthcare expenditure, and expansion of the agriculture sector are anticipated to create a lucrative demand for the market during the forecast period 2023-2030.

Additionally, rapid urbanization plays a significant role in supporting the growth of the traction equipment market. As urban populations grow, there's a higher demand for efficient public transportation systems to move people within cities. This demand drives the need for traction equipment such as traction motors, traction inverters, and traction batteries in various modes of public transportation like trains, trams, and electric buses. According to The World Bank, in 2020, approximately 4.38 billion people that are around 55% of the world's population were living in urban areas. In addition, it is predicted that by 2045, around 6 million people will be living in cities, an increase of 1.5 times annually. Moreover, the growing investments in infrastructure development, and

rising investment into the railway sector for transportation are anticipated to create a lucrative opportunity for the market. However, the stringent environmental and safety regulations stifle market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Traction Equipment Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the growing infrastructure development, cohesive government initiatives and funding, rising freight and passenger traffic, presence of key market players, and expansion of industrial and agricultural sectors. Whereas, the Asia Pacific is expected to grow with the fastest growth rate during the forecast period, owing to factors such as the growing expansion of manufacturing and industrial sectors, rapid urbanization, and growing infrastructure development in the region.

Major market players included in this report are:

Mitsubishi Electric Corporation

Kawasaki Heavy Industries Ltd

Bombardier Inc.

Crompton Greaves Limited

Medha Servo Drives Private Limited

VEM Group

General Electric Company

Caterpillar Inc.

American Traction Systems

Siemens AG

Recent Developments in the Market:

In February 2020, ABB India secured two notable contracts valued at Rs 191

crore (USD 22.89 million). The first contract involves the provision of traction equipment to Chittaranjan Locomotive Works, while the second contract entails supplying industrial drives to Megha Engineering and Infrastructures.

Global Traction Equipment Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Type, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define the market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters to detailed information about the crucial aspects such as driving factors & challenges that will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Traction Transformers

Traction Converters

Traction Motors and Generators

others

By Application:

Railways

Marine

Industrial Equipments

Electrical Vehicles

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1. Traction Equipment Market, by Region, 2020-2030 (USD Billion)
 - 1.2.2. Traction Equipment Market, by Type, 2020-2030 (USD Billion)
 - 1.2.3. Traction Equipment Market, by Application, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL TRACTION EQUIPMENT MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Industry Evolution
 - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL TRACTION EQUIPMENT MARKET DYNAMICS

- 3.1. Traction Equipment Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing Demand for Transportation Infrastructure
 - 3.1.1.2. Growing Focus on Sustainable Transportation
 - 3.1.1.3. Rising Healthcare Expenditure
 - 3.1.1.4. Expansion of Agriculture Sector
 - 3.1.2. Market Challenges
 - 3.1.2.1. Stringent Environmental and Safety Regulations
 - 3.1.2.2. Increasing focus on sustainability
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Growing Investments in Infrastructure Development
 - 3.1.3.2. Rising Investment in Railway Sector

CHAPTER 4. GLOBAL TRACTION EQUIPMENT MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL TRACTION EQUIPMENT MARKET, BY TYPE

- 5.1. Market Snapshot
- 5.2. Global Traction Equipment Market by Type, Performance - Potential Analysis
- 5.3. Global Traction Equipment Market Estimates & Forecasts by Type 2020-2030 (USD Billion)
- 5.4. Traction Equipment Market, Sub Segment Analysis
 - 5.4.1. Traction Transformers
 - 5.4.2. Traction Converters
 - 5.4.3. Traction Motors and Generators
 - 5.4.4. others

CHAPTER 6. GLOBAL TRACTION EQUIPMENT MARKET, BY APPLICATION

- 6.1. Market Snapshot
- 6.2. Global Traction Equipment Market by Application, Performance - Potential Analysis
- 6.3. Global Traction Equipment Market Estimates & Forecasts by Application 2020-2030 (USD Billion)

6.4. Traction Equipment Market, Sub Segment Analysis

- 6.4.1. Railways
- 6.4.2. Marine
- 6.4.3. Industrial Equipments
- 6.4.4. Electrical Vehicles
- 6.4.5. Others

CHAPTER 7. GLOBAL TRACTION EQUIPMENT MARKET, REGIONAL ANALYSIS

7.1. Top Leading Countries

7.2. Top Emerging Countries

7.3. Traction Equipment Market, Regional Market Snapshot

7.4. North America Traction Equipment Market

7.4.1. U.S. Traction Equipment Market

7.4.1.1. Type breakdown estimates & forecasts, 2020-2030

7.4.1.2. Application breakdown estimates & forecasts, 2020-2030

7.4.2. Canada Traction Equipment Market

7.5. Europe Traction Equipment Market Snapshot

7.5.1. U.K. Traction Equipment Market

7.5.2. Germany Traction Equipment Market

7.5.3. France Traction Equipment Market

7.5.4. Spain Traction Equipment Market

7.5.5. Italy Traction Equipment Market

7.5.6. Rest of Europe Traction Equipment Market

7.6. Asia-Pacific Traction Equipment Market Snapshot

7.6.1. China Traction Equipment Market

7.6.2. India Traction Equipment Market

7.6.3. Japan Traction Equipment Market

7.6.4. Australia Traction Equipment Market

7.6.5. South Korea Traction Equipment Market

7.6.6. Rest of Asia Pacific Traction Equipment Market

7.7. Latin America Traction Equipment Market Snapshot

7.7.1. Brazil Traction Equipment Market

7.7.2. Mexico Traction Equipment Market

7.8. Middle East & Africa Traction Equipment Market

7.8.1. Saudi Arabia Traction Equipment Market

7.8.2. South Africa Traction Equipment Market

7.8.3. Rest of Middle East & Africa Traction Equipment Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Key Company SWOT Analysis
 - 8.1.1. Company
 - 8.1.2. Company
 - 8.1.3. Company
- 8.2. Top Market Strategies
- 8.3. Company Profiles
 - 8.3.1. Mitsubishi Electric Corporation
 - 8.3.1.1. Key Information
 - 8.3.1.2. Overview
 - 8.3.1.3. Financial (Subject to Data Availability)
 - 8.3.1.4. Product Summary
 - 8.3.1.5. Recent Developments
 - 8.3.2. Kawasaki Heavy Industries Ltd
 - 8.3.3. Bombardier Inc.
 - 8.3.4. Crompton Greaves Limited
 - 8.3.5. Medha Servo Drives Private Limited
 - 8.3.6. VEM Group
 - 8.3.7. General Electric Company
 - 8.3.8. Caterpillar Inc.
 - 8.3.9. American Traction Systems
 - 8.3.10. Siemens AG

CHAPTER 9. RESEARCH PROCESS

- 9.1. Research Process
 - 9.1.1. Data Mining
 - 9.1.2. Analysis
 - 9.1.3. Market Estimation
 - 9.1.4. Validation
 - 9.1.5. Publishing
- 9.2. Research Attributes
- 9.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Traction Equipment Market, report scope

TABLE 2. Global Traction Equipment Market estimates & forecasts by Region
2020-2030 (USD Billion)

TABLE 3. Global Traction Equipment Market estimates & forecasts by Type 2020-2030
(USD Billion)

TABLE 4. Global Traction Equipment Market estimates & forecasts by Application
2020-2030 (USD Billion)

TABLE 5. Global Traction Equipment Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 6. Global Traction Equipment Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 7. Global Traction Equipment Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 8. Global Traction Equipment Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 9. Global Traction Equipment Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 10. Global Traction Equipment Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 11. Global Traction Equipment Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 12. Global Traction Equipment Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 13. Global Traction Equipment Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 14. Global Traction Equipment Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 15. U.S. Traction Equipment Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 16. U.S. Traction Equipment Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 17. U.S. Traction Equipment Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 18. Canada Traction Equipment Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 19. Canada Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 20. Canada Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21. UK Traction Equipment Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 22. UK Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 23. UK Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. Germany Traction Equipment Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 25. Germany Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 26. Germany Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. France Traction Equipment Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 28. France Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 29. France Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. Italy Traction Equipment Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 31. Italy Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 32. Italy Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Spain Traction Equipment Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 34. Spain Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 35. Spain Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. RoE Traction Equipment Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 37. RoE Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 38. RoE Traction Equipment Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 39. China Traction Equipment Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 40. China Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 41. China Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42. India Traction Equipment Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 43. India Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 44. India Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45. Japan Traction Equipment Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 46. Japan Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 47. Japan Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48. South Korea Traction Equipment Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 49. South Korea Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 50. South Korea Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. Australia Traction Equipment Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 52. Australia Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 53. Australia Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54. RoAPAC Traction Equipment Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 55. RoAPAC Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 56. RoAPAC Traction Equipment Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. Brazil Traction Equipment Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 58. Brazil Traction Equipment Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 59. Brazil Traction Equipment Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 60. Mexico Traction Equipment Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 61. Mexico Traction Equipment Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 62. Mexico Traction Equipment Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 63. RoLA Traction Equipment Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 64. RoLA Traction Equipment Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 65. RoLA Traction Equipment Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 66. Saudi Arabia Traction Equipment Market estimates & forecasts, 2020-2030
(USD Billion)

TABLE 67. South Africa Traction Equipment Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 68. RoMEA Traction Equipment Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global Traction Equipment
Market

TABLE 70. List of primary sources, used in the study of global Traction Equipment
Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final
deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Traction Equipment Market, research methodology
 - FIG 2. Global Traction Equipment Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Traction Equipment Market, key trends 2022
 - FIG 5. Global Traction Equipment Market, growth prospects 2023-2030
 - FIG 6. Global Traction Equipment Market, porters 5 force model
 - FIG 7. Global Traction Equipment Market, pest analysis
 - FIG 8. Global Traction Equipment Market, value chain analysis
 - FIG 9. Global Traction Equipment Market by segment, 2020 & 2030 (USD Billion)
 - FIG 10. Global Traction Equipment Market by segment, 2020 & 2030 (USD Billion)
 - FIG 11. Global Traction Equipment Market by segment, 2020 & 2030 (USD Billion)
 - FIG 12. Global Traction Equipment Market by segment, 2020 & 2030 (USD Billion)
 - FIG 13. Global Traction Equipment Market by segment, 2020 & 2030 (USD Billion)
 - FIG 14. Global Traction Equipment Market, regional snapshot 2020 & 2030
 - FIG 15. North America Traction Equipment Market 2020 & 2030 (USD Billion)
 - FIG 16. Europe Traction Equipment Market 2020 & 2030 (USD Billion)
 - FIG 17. Asia Pacific Traction Equipment Market 2020 & 2030 (USD Billion)
 - FIG 18. Latin America Traction Equipment Market 2020 & 2030 (USD Billion)
 - FIG 19. Middle East & Africa Traction Equipment Market 2020 & 2030 (USD Billion)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: Global Traction Equipment Market Size Study & Forecast, By Type (Traction Transformers, Traction Converters, Traction Motors and Generators, others), By Application (Railways, Marine, Industrial Equipment, Electrical Vehicles, Others), and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/G1BC41B63AD2EN.html>

Price: US\$ 4,950.00 (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/G1BC41B63AD2EN.html>

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

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

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

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