

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

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## Abstracts

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

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

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

Regionally, the report analyzes the Locomotive Electric Traction Engine markets in key regions. North America and Europe are experiencing steady growth, driven by

government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Locomotive Electric Traction Engine market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

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

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (Units), revenue generated, and market share of different by Type (e.g., AC Motor, DC Motor).

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

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

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Locomotive Electric Traction Engine market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

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

**Company Analysis:** Report covers individual Locomotive Electric Traction Engine manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Locomotive Electric Traction Engine. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Passenger Locomotive, Freight Locomotive).

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

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

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

### Market Segmentation

Locomotive Electric Traction Engine market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

#### Market segment by Type

AC Motor

DC Motor

#### Market segment by Application

Passenger Locomotive

Freight Locomotive

## Major players covered

ABB

Mitsubishi Electric

Wabtec

BOSCH

SIEMENS

Hitachi

Toyo Denki

TOSHIBA

Broad-Ocean

Alstom

Bombardier

EMD

Westinghouse

VEM Group

## Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

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

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

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

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

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

Chapter 1, to describe Locomotive Electric Traction Engine product scope, market overview, market estimation caveats and base year.

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

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

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

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

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Locomotive Electric Traction Engine market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

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

Chapter 13, the key raw materials and key suppliers, and industry chain of Locomotive Electric Traction Engine.

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

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