

# **Traction Motor Market by Application (Railways, Electric Vehicle and Industrial Vehicles), Type (DC Traction Motor, AC Traction Motor and Synchronous Motor) and Power Rating (Less than 200 kW, 200-400 kW and More than 400 kW): Global Opportunity Analysis and Industry Forecast, 2020–2027**

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## **Abstracts**

Traction motors are AC or DC electric motors that provide power to drive locomotives. Further, these motors offer high durability and deliver robust performance, owing to high power and superior mechanical susceptibility of heavy payloads. . The traction motors require high power to deliver the torque required to move the wheels, resulting in compact designs, efficient power-to-weight ratios, and efficient cooling of the traction motors. Thus, torque motors have minimum torque ripple, reduced noise & vibrations, higher efficiency, and efficient cooling capabilities through open or forced ventilation.

The growth of the global traction motor market is driven by volumetric surge in the transportation sector and the introduction of new vehicles, which are equipped with latest technologies. Moreover, increase in the requirement for advanced transports globally has led to the development and production of better and efficient traction system.

The global traction motor market is segmented based on application, type, power rating and region. Based on application, the global traction motor market has been categorized into railways, electric vehicles and industrial vehicles. Based on types, the global traction motor market has been categorized into DC traction motor, AC traction motor and synchronous motor. Based on power rating, the market has been categorized into less than 200 kW, 200-400 kW and more than 400 kW. Also, based on region, the

global traction motor market has been studied across North America, Europe, Asia-Pacific and LAMEA.

The key players analyzed in the traction motor market include ABB, American Traction Systems, Hitachi, Hyundai Rotem, CRRC, Mitsubishi, Siemens, Skoda, Toshiba and Wabtec.

## KEY BENEFITS FOR STAKEHOLDERS

This study presents analytical depiction of the global traction motor market along with the current trends and future estimations to depict the imminent investment pockets.

The overall market potential is determined to understand the profitable trends to enable stakeholders gain a stronger foothold in the market.

The report presents information related to key drivers, restraints, and opportunities with a detailed impact analysis.

The current market is quantitatively analyzed from 2019 to 2027 to highlight the financial competency of the market.

Porter's five forces analysis illustrates the potency of the buyers and suppliers.

## KEY MARKET SEGMENTS

### By Application

Railways

Electric Vehicles

Industrial Vehicles

## By Types

DC Traction Motor

AC Traction Motor

Synchronous Motor

## By Power Rating

Less than 200 kW

200-400 kW

More than 400 kW

## By Region

North America

U.S.

Canada

Mexico

Europe

Germany

France

UK

Italy

Rest of Europe

## Asia-Pacific

China

Japan

India

South Korea

Rest of Asia-Pacific

## LAMEA

Latin America

Middle East

Africa

## KEY PLAYERS

ABB

American Traction Systems

Hitachi

Hyundai Rotem

CRRC

Mitsubishi

Siemens

Skoda

Toshiba

Wabtec

## Contents

### CHAPTER 1:INTRODUCTION

- 1.1.Report description
- 1.2.Key benefits for stakeholders
- 1.3.Key market segments
- 1.4.Research methodology
  - 1.4.1.Primary research
  - 1.4.2.Secondary research
  - 1.4.3.Analyst tools and models

### CHAPTER 2:EXECUTIVE SUMMARY

- 2.1.CXO perspective

### CHAPTER 3:MARKET OVERVIEW

- 3.1.Market definition and scope
- 3.2.Key findings
  - 3.2.1.Top impacting factors
  - 3.2.2.Top investment pockets
  - 3.2.3.Top winning strategies
- 3.3.Porter's five forces analysis
  - 3.3.1.Moderate-to-high bargaining power of suppliers
  - 3.3.2.Low-to-moderate threat of new entrants
  - 3.3.3.Low-to-high threat of substitutes
  - 3.3.4.Moderate-to-high intensity of rivalry
  - 3.3.5.Moderate bargaining power of buyers
- 3.4.Market share analysis, 2019 (%)
- 3.5.Market dynamics
  - 3.5.1.Drivers
    - 3.5.1.1.Incorporation of traction motors in railway engines
    - 3.5.1.2.Lower emission
    - 3.5.1.3.Low manufacturing and maintenance cost
    - 3.5.1.4.Reduction in loss in performance
  - 3.5.2.Restraints
    - 3.5.2.1.Rise in price of materials used for production
    - 3.5.2.2.High investment cost

### 3.5.3.Opportunities

#### 3.5.3.1.Increase in research and development

## **CHAPTER 4:TRACTION MOTOR MARKET, BY APPLICATIONS**

### 4.1.Overview

### 4.3.Railways

#### 4.3.1.Key market trends, growth factors and opportunities

#### 4.3.2.Market size and forecast, by region

#### 4.3.3.Market analysis by country

### 4.4.Electric vehicles

#### 4.4.1.Key market trends, growth factors and opportunities

#### 4.4.2.Market size and forecast, by region

#### 4.4.3.Market analysis by country

### 4.5.Industrial vehicles

#### 4.5.1.Key market trends, growth factors and opportunities

#### 4.5.2.Market size and forecast, by region

#### 4.5.3.Market analysis by country

## **CHAPTER 5:TRACTION MOTOR MARKET, BY TYPES**

### 5.1.Overview

### 5.2.AC traction motor

#### 5.2.1.Key market trends, growth factors and opportunities

#### 5.2.2.Market size and forecast, by region

#### 5.2.3.Market analysis by country

### 5.3.DC traction motor

#### 5.3.1.Key market trends, growth factors and opportunities

#### 5.3.2.Market size and forecast, by region

#### 5.3.3.Market analysis by country

### 5.4.Synchronous motor

#### 5.4.1.Key market trends, growth factors and opportunities

#### 5.4.2.Market size and forecast, by region

#### 5.4.3.Market analysis by country

## **CHAPTER 6:TRACTION MOTOR MARKET, BY POWER RATING**

### 6.1.Overview

### 6.2.Less than 200 kW

- 6.2.1.Key market trends, growth factors and opportunities
- 6.2.2.Market size and forecast, by region
- 6.2.3.Market analysis by country
- 6.3.200-400kW
  - 6.3.1.Key market trends, growth factors and opportunities
  - 6.3.2.Market size and forecast, by region
  - 6.3.3.Market analysis by country
- 6.4.More than 400 kW
  - 6.4.1.Key market trends, growth factors and opportunities
  - 6.4.2.Market size and forecast, by region
  - 6.4.3.Market analysis by country

## **CHAPTER 7:TRACTION MOTOR MARKET, BY REGION**

- 7.1.Overview
- 7.2.North America
  - 7.2.1.Key market trends, growth factors, and opportunities
  - 7.2.2.Market size and forecast, by application
  - 7.2.3.Market size and forecast, by types
  - 7.2.4.Market size and forecast, by power rating
  - 7.2.5.Market analysis by country
    - 7.2.5.1.U.S.
      - 7.2.5.1.1.Market size and forecast, by application
      - 7.2.5.1.2.Market size and forecast, by types
      - 7.2.5.1.3.Market size and forecast, by power rating
    - 7.2.5.2.Canada
      - 7.2.5.2.1.Market size and forecast, by application
      - 7.2.5.2.2.Market size and forecast, by types
      - 7.2.5.2.3.Market size and forecast, by power rating
    - 7.2.5.3.Mexico
      - 7.2.5.3.1.Market size and forecast, by application
      - 7.2.5.3.2.Market size and forecast, by types
      - 7.2.5.3.3.Market size and forecast, by power rating
- 7.3.Europe
  - 7.3.1.Key market trends, growth factors, and opportunities
  - 7.3.2.Market size and forecast, by application
  - 7.3.3.Market size and forecast, by types
  - 7.3.4.Market size and forecast, by power rating
  - 7.3.5.Market analysis by country



#### 7.3.5.1. Germany

7.3.5.1.1. Market size and forecast, by application

7.3.5.1.2. Market size and forecast, by types

7.3.5.1.3. Market size and forecast, by power rating

#### 7.3.5.2. France

7.3.5.2.1. Market size and forecast, by application

7.3.5.2.2. Market size and forecast, by types

7.3.5.2.3. Market size and forecast, by power rating

#### 7.3.5.3. UK

7.3.5.3.1. Market size and forecast, by application

7.3.5.3.2. Market size and forecast, by types

7.3.5.3.3. Market size and forecast, by power rating

#### 7.3.5.4. Italy

7.3.5.4.1. Market size and forecast, by application

7.3.5.4.2. Market size and forecast, by types

7.3.5.4.3. Market size and forecast, by power rating

#### 7.3.5.5. Rest of Europe

7.3.5.5.1. Market size and forecast, by application

7.3.5.5.2. Market size and forecast, by types

7.3.5.5.3. Market size and forecast, by power rating

### 7.4. Asia-Pacific

7.4.1. Key market trends, growth factors, and opportunities

7.4.2. Market size and forecast, by application

7.4.3. Market size and forecast, by types

7.4.4. Market size and forecast, by power rating

7.4.5. Market analysis by country

#### 7.4.5.1. China

7.4.5.1.1. Market size and forecast, by application

7.4.5.1.2. Market size and forecast, by types

7.4.5.1.3. Market size and forecast, by power rating

#### 7.4.5.2. Japan

7.4.5.2.1. Market size and forecast, by application

7.4.5.2.2. Market size and forecast, by types

7.4.5.2.3. Market size and forecast, by power rating

#### 7.4.5.3. India

7.4.5.3.1. Market size and forecast, by application

7.4.5.3.2. Market size and forecast, by types

7.4.5.3.3. Market size and forecast, by power rating

#### 7.4.5.4. South Korea

7.4.5.4.1. Market size and forecast, by application

7.4.5.4.2. Market size and forecast, by types

7.4.5.4.3. Market size and forecast, by power rating

7.4.5.5. Rest of Asia-Pacific

7.4.5.5.1. Market size and forecast, by application

7.4.5.5.2. Market size and forecast, by types

7.4.5.5.3. Market size and forecast, by power rating

7.5. LAMEA

7.5.1. Key market trends, growth factors, and opportunities

7.5.2. Market size and forecast, by application

7.5.3. Market size and forecast, by types

7.5.4. Market size and forecast, by power rating

7.5.5. Market analysis by country

7.5.5.1. Latin America

7.5.5.1.1. Market size and forecast, by application

7.5.5.1.2. Market size and forecast, by types

7.5.5.1.3. Market size and forecast, by power rating

7.5.5.2. Middle East

7.5.5.2.1. Market size and forecast, by application

7.5.5.2.2. Market size and forecast, by types

7.5.5.2.3. Market size and forecast, by power rating

7.5.5.3. Africa

7.5.5.3.1. Market size and forecast, by application

7.5.5.3.2. Market size and forecast, by types

7.5.5.3.3. Market size and forecast, by power rating

## **CHAPTER 8: COMPANY PROFILES:**

8.1. ABB

8.1.1. Company overview

8.1.2. Company snapshot

8.1.3. Product portfolio

8.1.4. Operating business segments

8.1.5. Business performance

8.1.6. Key strategic moves and developments

8.2. American Traction Systems

8.2.1. Company overview

8.2.2. Company snapshot

8.2.3. Product portfolio

### 8.3.Hitachi, Ltd.

- 8.3.1.Company overview
- 8.3.2.Company snapshot
- 8.3.3.Product portfolio
- 8.3.4.Operating business segments
- 8.3.5.Business performance

### 8.4.HYUNDAI ROTEM COMPANY (subsidiary of Hyundai Motor Company)

- 8.4.1.Company overview
- 8.4.2.Company snapshot
- 8.4.3.Product portfolio
- 8.4.4.Operating business segments
- 8.4.5.Business performance
- 8.4.6.Key strategic moves and developments

### 8.5.CRRC

- 8.5.1.Company overview
- 8.5.2.Company snapshot
- 8.5.3.Product portfolio
- 8.5.4.Operating business segments
- 8.5.5.Business performance
- 8.5.6.Key strategic moves and developments

### 8.6.Mitsubishi Electric Corporation

- 8.6.1.Company overview
- 8.6.2.Company snapshot
- 8.6.3.Product portfolio
- 8.6.4.Operating business segments
- 8.6.5.Business performance

### 8.7.Siemens

- 8.7.1.Company overview
- 8.7.2.Company snapshot
- 8.7.3.Product portfolio
- 8.7.4.Operating business segments
- 8.7.5.Business performance

### 8.8.?KODA TRANSPORTATION

- 8.8.1.Company overview
- 8.8.2.Company snapshot
- 8.8.3.Product portfolio
- 8.8.4.Operating business segments
- 8.8.5.Business performance
- 8.8.6.Key strategic moves and developments

## 8.9.Toshiba International Corporation

8.9.1.Company overview

8.9.2.Company snapshot

8.9.3.Product portfolio

8.9.4.Operating business segments

8.9.5.Business performance

## 8.10.Wabtec Corporation

8.10.1.Company overview

8.10.2.Company snapshot

8.10.3.Product portfolio

8.10.4.Operating business segments

8.10.5.Business performance

## List Of Tables

### LIST OF TABLES

TABLE 01.GLOBAL TRACTION MOTOR MARKET, BY APPLICATIONS, 2019-2027 (\$MILLION)

TABLE 02.TRACTION MOTOR MARKET REVENUE FOR RAILWAYS, BY REGION 2019–2027 (\$MILLION)

TABLE 03.TRACTION MOTOR MARKET REVENUE FOR ELECTRIC VEHICLES, BY REGION 2019–2027 (\$MILLION)

TABLE 04.TRACTION MOTOR MARKET REVENUE FOR INDUSTRIAL VEHICLES, BY REGION 2019–2027 (\$MILLION)

TABLE 05.GLOBAL TRACTION MOTOR MARKET, BY TYPES, 2019-2027 (\$MILLION)

TABLE 06.AC TRACTION MOTOR MARKET REVENUE, BY REGION 2019–2027 (\$MILLION)

TABLE 07.DC TRACTION MOTOR MARKET REVENUE, BY REGION 2019–2027 (\$MILLION)

TABLE 08.SYNCHRONOUS TRACTION MOTOR MARKET REVENUE, BY REGION 2019–2027 (\$MILLION)

TABLE 09.GLOBAL TRACTION MOTOR MARKET, BY POWER RATING, 2019-2027 (\$MILLION)

TABLE 10.LESS THAN 200 KW TRACTION MOTOR MARKET REVENUE, BY REGION 2019–2027 (\$MILLION)

TABLE 11.200-400 KW TRACTION MOTOR MARKET REVENUE, BY REGION 2019–2027 (\$MILLION)

TABLE 12.MORE THAN 400 KW TRACTION MOTOR MARKET REVENUE, BY REGION 2019–2027 (\$MILLION)

TABLE 13.NORTH AMERICA TRACTION MOTOR MARKET, BY APPLICATION, 2019–2027 (\$MILLION)

TABLE 14.NORTH AMERICA TRACTION MOTOR MARKET, BY TYPES, 2019–2027 (\$MILLION)

TABLE 15.NORTH AMERICA TRACTION MOTOR MARKET, BY POWER RATING, 2019–2027 (\$MILLION)

TABLE 16.U.S. TRACTION MOTOR MARKET, BY APPLICATION, 2019–2027 (\$MILLION)

TABLE 17.U.S. TRACTION MOTOR MARKET, BY TYPES, 2019–2027 (\$MILLION)

TABLE 18.U.S. TRACTION MOTOR MARKET, BY POWER RATING, 2019–2027 (\$MILLION)

TABLE 19.CANADA TRACTION MOTOR MARKET, BY APPLICATION, 2019–2027

(\$MILLION)

TABLE 20.CANADA TRACTION MOTOR MARKET, BY TYPES, 2019–2027

(\$MILLION)

TABLE 21.CANADA TRACTION MOTOR MARKET, BY POWER RATING, 2019–2027

(\$MILLION)

TABLE 22.MEXICO TRACTION MOTOR MARKET, BY APPLICATION, 2019–2027

(\$MILLION)

TABLE 23.MEXICO TRACTION MOTOR MARKET, BY TYPES, 2019–2027

(\$MILLION)

TABLE 24.MEXICO TRACTION MOTOR MARKET, BY POWER RATING, 2019–2027

(\$MILLION)

TABLE 25.EUROPE TRACTION MOTOR MARKET, BY APPLICATION, 2019–2027

(\$MILLION)

TABLE 26.EUROPE TRACTION MOTOR MARKET, BY TYPES, 2019–2027

(\$MILLION)

TABLE 27.EUROPE TRACTION MOTOR MARKET, BY POWER RATING, 2019–2027

(\$MILLION)

TABLE 28.GERMANY TRACTION MOTOR MARKET, BY APPLICATION, 2019–2027

(\$MILLION)

TABLE 29.GERMANY TRACTION MOTOR MARKET, BY TYPES, 2019–2027

(\$MILLION)

TABLE 30.GERMANY TRACTION MOTOR MARKET, BY POWER RATING,  
2019–2027 (\$MILLION)

TABLE 31.FRANCE TRACTION MOTOR MARKET, BY APPLICATION, 2019–2027

(\$MILLION)

TABLE 32.FRANCE TRACTION MOTOR MARKET, BY TYPES, 2019–2027

(\$MILLION)

TABLE 33.FRANCE TRACTION MOTOR MARKET, BY POWER RATING, 2019–2027

(\$MILLION)

TABLE 34.UK TRACTION MOTOR MARKET, BY APPLICATION, 2019–2027

(\$MILLION)

TABLE 35.UK TRACTION MOTOR MARKET, BY TYPES, 2019–2027 (\$MILLION)

TABLE 36.UK TRACTION MOTOR MARKET, BY POWER RATING, 2019–2027

(\$MILLION)

TABLE 37.ITALY TRACTION MOTOR MARKET, BY APPLICATION, 2019–2027

(\$MILLION)

TABLE 38.ITALY TRACTION MOTOR MARKET, BY TYPES, 2019–2027 (\$MILLION)

TABLE 39.ITALY TRACTION MOTOR MARKET, BY POWER RATING, 2019–2027

(\$MILLION)

TABLE 40.REST OF EUROPE TRACTION MOTOR MARKET, BY APPLICATION, 2019–2027 (\$MILLION)

TABLE 41.REST OF EUROPE TRACTION MOTOR MARKET, BY TYPES, 2019–2027 (\$MILLION)

TABLE 42.REST OF EUROPE TRACTION MOTOR MARKET, BY POWER RATING, 2019–2027 (\$MILLION)

TABLE 43.ASIA-PACIFIC TRACTION MOTOR MARKET, BY APPLICATION, 2019–2027 (\$MILLION)

TABLE 44.ASIA-PACIFIC TRACTION MOTOR MARKET, BY TYPES, 2019–2027 (\$MILLION)

TABLE 45.ASIA-PACIFIC TRACTION MOTOR MARKET, BY POWER RATING, 2019–2027 (\$MILLION)

TABLE 46.CHINA TRACTION MOTOR MARKET, BY APPLICATION, 2019–2027 (\$MILLION)

TABLE 47.CHINA TRACTION MOTOR MARKET, BY TYPES, 2019–2027 (\$MILLION)

TABLE 48.CHINA TRACTION MOTOR MARKET, BY POWER RATING, 2019–2027 (\$MILLION)

TABLE 49.JAPAN TRACTION MOTOR MARKET, BY APPLICATION, 2019–2027 (\$MILLION)

TABLE 50.JAPAN TRACTION MOTOR MARKET, BY TYPES, 2019–2027 (\$MILLION)

TABLE 51.JAPAN TRACTION MOTOR MARKET, BY POWER RATING, 2019–2027 (\$MILLION)

TABLE 52.INDIA TRACTION MOTOR MARKET, BY APPLICATION, 2019–2027 (\$MILLION)

TABLE 53.INDIA TRACTION MOTOR MARKET, BY TYPES, 2019–2027 (\$MILLION)

TABLE 54.INDIA TRACTION MOTOR MARKET, BY POWER RATING, 2019–2027 (\$MILLION)

TABLE 55.SOUTH KOREA TRACTION MOTOR MARKET, BY APPLICATION, 2019–2027 (\$MILLION)

TABLE 56.SOUTH KOREA TRACTION MOTOR MARKET, BY TYPES, 2019–2027 (\$MILLION)

TABLE 57.SOUTH KOREA TRACTION MOTOR MARKET, BY POWER RATING, 2019–2027 (\$MILLION)

TABLE 58.REST OF ASIA-PACIFIC TRACTION MOTOR MARKET, BY APPLICATION, 2019–2027 (\$MILLION)

TABLE 59.REST OF ASIA-PACIFIC TRACTION MOTOR MARKET, BY TYPES, 2019–2027 (\$MILLION)

TABLE 60.REST OF ASIA-PACIFIC TRACTION MOTOR MARKET, BY POWER RATING, 2019–2027 (\$MILLION)

TABLE 61.LAMEA TRACTION MOTOR MARKET, BY APPLICATION, 2019–2027  
(\$MILLION)

TABLE 62.LAMEA TRACTION MOTOR MARKET, BY TYPES, 2019–2027 (\$MILLION)

TABLE 63.LAMEA TRACTION MOTOR MARKET, BY POWER RATING, 2019–2027  
(\$MILLION)

TABLE 64.LATIN AMERICA TRACTION MOTOR MARKET, BY APPLICATION,  
2019–2027 (\$MILLION)

TABLE 65.LATIN AMERICA TRACTION MOTOR MARKET, BY TYPES, 2019–2027  
(\$MILLION)

TABLE 66.LATIN AMERICA TRACTION MOTOR MARKET, BY POWER RATING,  
2019–2027 (\$MILLION)

TABLE 67.MIDDLE EAST TRACTION MOTOR MARKET, BY APPLICATION,  
2019–2027 (\$MILLION)

TABLE 68.MIDDLE EAST TRACTION MOTOR MARKET, BY TYPES, 2019–2027  
(\$MILLION)

TABLE 69.MIDDLE EAST TRACTION MOTOR MARKET, BY POWER RATING,  
2019–2027 (\$MILLION)

TABLE 70.AFRICA TRACTION MOTOR MARKET, BY APPLICATION, 2019–2027  
(\$MILLION)

TABLE 71.AFRICA TRACTION MOTOR MARKET, BY TYPES, 2019–2027 (\$MILLION)

TABLE 72.AFRICA TRACTION MOTOR MARKET, BY POWER RATING, 2019–2027  
(\$MILLION)

TABLE 73.ABB: COMPANY SNAPSHOT

TABLE 74.ABB: PRODUCT PORTFOLIO

TABLE 75.ABB: OPERATING SEGMENTS

TABLE 76.ABB: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 77.AMERICAN TRACTION SYSTEMS: COMPANY SNAPSHOT

TABLE 78.AMERICAN TRACTION SYSTEMS: PRODUCT PORTFOLIO

TABLE 79.HITACHI LTD.: COMPANY SNAPSHOT

TABLE 80.HITACHI LTD.: PRODUCT PORTFOLIO

TABLE 81.HITACHI LTD.: OPERATING SEGMENTS

TABLE 82.HYUNDAI ROTEM COMPANY: COMPANY SNAPSHOT

TABLE 83.HYUNDAI ROTEM COMPANY: PRODUCT PORTFOLIO

TABLE 84.HYUNDAI ROTEM COMPANY: OPERATING SEGMENTS

TABLE 85.HYUNDAI ROTEM COMPANY: KEY STRATEGIC MOVES AND  
DEVELOPMENTS

TABLE 86.CRRC: COMPANY SNAPSHOT

TABLE 87.CRRC: PRODUCT PORTFOLIO

TABLE 88.CRRC: OPERATING SEGMENTS



TABLE 89.CRRC: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 90.MITSUBISHI ELECTRIC CORPORATION: COMPANY SNAPSHOT

TABLE 91.MITSUBISHI ELECTRIC CORPORATION: PRODUCT PORTFOLIO

TABLE 92.MITSUBISHI ELECTRIC CORPORATION: OPERATING SEGMENTS

TABLE 93.SIEMENS: COMPANY SNAPSHOT

TABLE 94.SIEMENS: PRODUCT PORTFOLIO

TABLE 95.SIEMENS: OPERATING SEGMENTS

TABLE 96.?KODA TRANSPORTATION: COMPANY SNAPSHOT

TABLE 97.?KODA TRANSPORTATION: PRODUCT PORTFOLIO

TABLE 98.VOLKSWAGEN: OPERATING SEGMENTS

TABLE 99.?KODA TRANSPORTATION: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 100.TOSHIBA INTERNATIONAL CORPORATION: COMPANY SNAPSHOT

TABLE 101.TOSHIBA INTERNATIONAL CORPORATION: PRODUCT PORTFOLIO

TABLE 102.TOSHIBA INTERNATIONAL CORPORATION: OPERATING SEGMENTS

TABLE 103.WABTEC CORPORATION: COMPANY SNAPSHOT

TABLE 104.WABTEC CORPORATION: PRODUCT PORTFOLIO

TABLE 105.WABTEC CORPORATION: OPERATING SEGMENTS

## List Of Figures

### LIST OF FIGURES

FIGURE 01.KEY MARKET SEGMENTS

FIGURE 02.EXECUTIVE SUMMARY

FIGURE 03.EXECUTIVE SUMMARY

FIGURE 04.TOP IMPACTING FACTORS

FIGURE 05.TOP INVESTMENT POCKETS

FIGURE 06.TOP WINNING STRATEGIES, BY YEAR, 2017-2020\*

FIGURE 07.TOP WINNING STRATEGIES, BY DEVELOPMENT, 2017-2020\*

FIGURE 08.TOP WINNING STRATEGIES, BY COMPANY, 2017-2020\*

FIGURE 09.MARKET SHARE ANALYSIS, 2019 (%)

FIGURE 10.GLOBAL TRACTION MOTOR MARKET, BY APPLICATIONS, 2019-2027

FIGURE 11.COMPARATIVE SHARE ANALYSIS OF TRACTION MOTOR MARKET FOR RAILWAYS, BY COUNTRY, 2019 & 2027 (\$MILLION)

FIGURE 12.COMPARATIVE SHARE ANALYSIS OF TRACTION MOTOR MARKET FOR ELECTRIC VEHICLES, BY COUNTRY, 2019 & 2027 (\$MILLION)

FIGURE 13.COMPARATIVE SHARE ANALYSIS OF TRACTION MOTOR MARKET FOR INDUSTRIAL VEHICLES, BY COUNTRY, 2019 & 2027 (\$MILLION)

FIGURE 14.GLOBAL TRACTION MOTOR MARKET, BY TYPES, 2019-2027

FIGURE 15.COMPARATIVE SHARE ANALYSIS OF AC TRACTION MOTOR MARKET, BY COUNTRY, 2019 & 2027 (\$MILLION)

FIGURE 16.COMPARATIVE SHARE ANALYSIS OF DC TRACTION MOTOR MARKET, BY COUNTRY, 2019 & 2027 (\$MILLION)

FIGURE 17.COMPARATIVE SHARE ANALYSIS OF SYNCHRONOUS TRACTION MOTOR MARKET, BY COUNTRY, 2019 & 2027 (\$MILLION)

FIGURE 18.GLOBAL TRACTION MOTOR MARKET, BY POWER RATING, 2019-2027

FIGURE 19.COMPARATIVE SHARE ANALYSIS OF LESS THAN 200 KW TRACTION MOTOR MARKET, BY COUNTRY, 2019 & 2027 (\$MILLION)

FIGURE 20.COMPARATIVE SHARE ANALYSIS OF 200-400 KW TRACTION MOTOR MARKET, BY COUNTRY, 2019 & 2027 (\$MILLION)

FIGURE 21.COMPARATIVE SHARE ANALYSIS OF MORE THAN 400 KW TRACTION MOTOR MARKET, BY COUNTRY, 2019 & 2027 (\$MILLION)

FIGURE 22.TRACTION MOTOR MARKET, BY REGION, 2019-2027 (%)

FIGURE 23.COMPARATIVE SHARE ANALYSIS OF TRACTION MOTOR MARKET, BY COUNTRY, 2019–2027 (%)

FIGURE 24.U.S. TRACTION MOTOR MARKET, 2019–2027 (\$MILLION)

FIGURE 25.CANADA TRACTION MOTOR MARKET, 2019–2027 (\$MILLION)

- FIGURE 26.MEXICO TRACTION MOTOR MARKET, 2019–2027 (\$MILLION)
- FIGURE 27.COMPARATIVE SHARE ANALYSIS OF TRACTION MOTOR MARKET, BY COUNTRY, 2019–2027 (%)
- FIGURE 28.GERMANY TRACTION MOTOR MARKET, 2019–2027 (\$MILLION)
- FIGURE 29.FRANCE TRACTION MOTOR MARKET, 2019–2027 (\$MILLION)
- FIGURE 30.UK TRACTION MOTOR MARKET, 2019–2027 (\$MILLION)
- FIGURE 31.ITALY TRACTION MOTOR MARKET, 2019–2027 (\$MILLION)
- FIGURE 32.REST OF EUROPE TRACTION MOTOR MARKET, 2019–2027 (\$MILLION)
- FIGURE 33.COMPARATIVE SHARE ANALYSIS OF TRACTION MOTOR MARKET, BY COUNTRY, 2019–2027 (%)
- FIGURE 34.CHINA TRACTION MOTOR MARKET, 2019–2027 (\$MILLION)
- FIGURE 35.JAPAN TRACTION MOTOR MARKET, 2019–2027 (\$MILLION)
- FIGURE 36.INDIA TRACTION MOTOR MARKET, 2019–2027 (\$MILLION)
- FIGURE 37.SOUTH KOREA TRACTION MOTOR MARKET, 2019–2027 (\$MILLION)
- FIGURE 38.REST OF ASIA-PACIFIC TRACTION MOTOR MARKET, 2019–2027 (\$MILLION)
- FIGURE 39.COMPARATIVE SHARE ANALYSIS OF TRACTION MOTOR MARKET, BY COUNTRY, 2019–2027 (%)
- FIGURE 40.LATIN AMERICA TRACTION MOTOR MARKET, 2019–2027 (\$MILLION)
- FIGURE 41.MIDDLE EAST TRACTION MOTOR MARKET, 2019–2027 (\$MILLION)
- FIGURE 42.AFRICA TRACTION MOTOR MARKET, 2019–2027 (\$MILLION)
- FIGURE 43.ABB: REVENUE, 2017–2019 (\$MILLION)
- FIGURE 44.ABB: REVENUE SHARE BY SEGMENT, 2019 (%)
- FIGURE 45.ABB: REVENUE SHARE BY REGION, 2019 (%)
- FIGURE 46.HITACHI LTD.: REVENUE, 2017–2019 (\$MILLION)
- FIGURE 47.HITACHI LTD.: REVENUE SHARE BY SEGMENT, 2019 (%)
- FIGURE 48.HITACHI LTD.: REVENUE SHARE BY REGION, 2019 (%)
- FIGURE 49.HYUNDAI ROTEM COMPANY: NET SALES, 2017–2019 (\$MILLION)
- FIGURE 50.HYUNDAI ROTEM COMPANY: REVENUE SHARE BY SEGMENT, 2019 (%)
- FIGURE 51.HYUNDAI ROTEM COMPANY: REVENUE SHARE BY REGION, 2019 (%)
- FIGURE 52.CRRC: REVENUE, 2017–2019 (\$MILLION)
- FIGURE 53.CRRC: REVENUE SHARE BY SEGMENT, 2019 (%)
- FIGURE 54.CRRC: REVENUE SHARE BY REGION, 2019 (%)
- FIGURE 55.MITSUBISHI CORPORATION: REVENUE, 2017–2019 (\$MILLION)
- FIGURE 56.MITSUBISHI CORPORATION: REVENUE SHARE BY SEGMENT, 2019 (%)
- FIGURE 57.SIEMENS: REVENUE, 2017–2019 (\$MILLION)

FIGURE 58.SIEMENS: REVENUE SHARE BY SEGMENT, 2019 (%)

FIGURE 59.SIEMENS: REVENUE SHARE BY REGION, 2019 (%)

FIGURE 60.VOLKSWAGEN: NET SALES, 2017–2019 (\$MILLION)

FIGURE 61.VOLKSWAGEN: REVENUE SHARE BY SEGMENT, 2019 (%)

FIGURE 62.VOLKSWAGEN: REVENUE SHARE BY REGION, 2019 (%)

FIGURE 63.TOSHIBA INTERNATIONAL CORPORATION: NET SALES, 2017–2019 (\$MILLION)

FIGURE 64.TOSHIBA INTERNATIONAL CORPORATION: REVENUE SHARE BY SEGMENT, 2019 (%)

FIGURE 65.TOSHIBA INTERNATIONAL CORPORATION: REVENUE SHARE BY REGION, 2019 (%)

FIGURE 66.WABTEC CORPORATION: NET SALES, 2017–2019 (\$MILLION)

FIGURE 67.WABTEC CORPORATION: REVENUE SHARE BY SEGMENT, 2019 (%)

FIGURE 68.WABTEC CORPORATION: REVENUE SHARE BY REGION, 2019 (%)

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