

# **Electric Drive Roller Global Market Insights 2025, Analysis and Forecast to 2030, by Manufacturers, Regions, Technology, Application**

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## **Abstracts**

### **Electric Drive Roller Market Overview**

The Electric Drive Roller Market is poised for significant growth from 2025 to 2030, driven by increasing demand for sustainable and energy-efficient construction equipment. Electric drive rollers are widely used in urban roads, industrial parks, airports, and ports due to their low emissions, reduced noise levels, and operational efficiency. The market is expected to grow at a CAGR of 5.8%-7.2% during the forecast period, reaching a market size of \$1.2 billion to \$1.5 billion by 2030.

### **Market Size and Share Analysis**

The global Electric Drive Roller Market was valued at \$850 million in 2025 and is projected to grow significantly by 2030. The market is segmented by product type, application, end-use, and region. Key players such as Hamm, Bomag, XCMG, Dynapac, Volvo, Liugong Machinery, and Ammann dominate the market, collectively holding a market share of 65%-70%.

### **By Product Type**

Single Drum Rollers: 40%-45% market share

Double Drum Rollers: 35%-40% market share

Combination Rollers: 15%-20% market share

### **By Application**

Urban Roads: 50%-55% market share

Industrial Parks: 20%-25% market share  
Airports and Ports: 15%-20% market share

### By End-Use

Construction: 60%-65% market share  
Infrastructure Development: 25%-30% market share  
Others: 5%-10% market share

### By Region

North America: 20%-25% market share  
Europe: 25%-30% market share  
Asia-Pacific: 35%-40% market share  
Latin America: 5%-10% market share  
Middle East & Africa: 5%-10% market share

### Market Trends

The Electric Drive Roller Market is witnessing several key trends:

**Adoption of Green Technologies:** Governments worldwide are implementing stringent emission regulations, driving the adoption of electric drive rollers.

**Technological Advancements:** Innovations in battery technology and automation are enhancing the efficiency and performance of electric drive rollers.

**Rising Infrastructure Investments:** Increasing investments in urban infrastructure and smart cities are boosting market demand.

### Key Players and Competitive Landscape

The market is highly competitive, with key players focusing on product innovation, strategic partnerships, and mergers & acquisitions to strengthen their market position. Major players include:

**Hamm:** Leading the market with a 20%-25% share, Hamm is known for its advanced electric drive roller technology.

**Bomag:** Holding a 15%-20% market share, Bomag is a key player in the European

market.

XCMG: Dominating the Asia-Pacific region with a 10%-15% market share.

Dynapac, Volvo, Liugong Machinery, and Ammann: Collectively account for 25%-30% of the global market.

### Market News on Policy and Companies

Recent developments in the Electric Drive Roller Market include:

**Government Policies:** The European Union has introduced new regulations mandating the use of low-emission construction equipment, driving the adoption of electric drive rollers.

**Company Initiatives:** In 2025, Hamm launched a new line of electric drive rollers with enhanced battery life and performance. Similarly, Bomag announced a strategic partnership with a leading battery manufacturer to develop next-generation electric rollers.

### Segment Forecasts (2025 - 2030)

The Electric Drive Roller Market is expected to witness robust growth across all segments:

**By Product Type:** Single drum rollers are projected to grow at a CAGR of 6.5%-7.5%, driven by their widespread use in urban road construction.

**By Application:** The urban roads segment is expected to grow at a CAGR of 7.0%-8.0%, fueled by increasing urbanization and infrastructure development.

**By Region:** The Asia-Pacific region is anticipated to grow at a CAGR of 8.0%-9.0%, driven by rapid industrialization and infrastructure projects in countries like China and India.

### Conclusion

The Electric Drive Roller Market is set for substantial growth from 2025 to 2030, driven by increasing demand for sustainable construction equipment, technological advancements, and supportive government policies. Key players are focusing on innovation and strategic partnerships to capitalize on emerging opportunities. With a projected market size of \$1.2 billion to \$1.5 billion by 2030, the market offers significant growth potential for stakeholders across the globe.

## Contents

### **CHAPTER 1 EXECUTIVE SUMMARY**

### **CHAPTER 2 ABBREVIATION AND ACRONYMS**

### **CHAPTER 3 PREFACE**

- 3.1 Research Scope
- 3.2 Research Sources
  - 3.2.1 Data Sources
  - 3.2.2 Assumptions
- 3.3 Research Method

### **CHAPTER 4 MARKET LANDSCAPE**

- 4.1 Market Overview
- 4.2 Classification/Types
- 4.3 Application/End Users

### **CHAPTER 5 MARKET TREND ANALYSIS**

- 5.1 Introduction
- 5.2 Drivers
- 5.3 Restraints
- 5.4 Opportunities
- 5.5 Threats

### **CHAPTER 6 INDUSTRY CHAIN ANALYSIS**

- 6.1 Upstream/Suppliers Analysis
- 6.2 Electric Drive Roller Analysis
  - 6.2.1 Technology Analysis
  - 6.2.2 Cost Analysis
  - 6.2.3 Market Channel Analysis
- 6.3 Downstream Buyers/End Users

### **CHAPTER 7 LATEST MARKET DYNAMICS**

- 7.1 Latest News
- 7.2 Merger and Acquisition
- 7.3 Planned/Future Project
- 7.4 Policy Dynamics

## **CHAPTER 8 TRADING ANALYSIS**

- 8.1 Export of Electric Drive Roller by Region
- 8.2 Import of Electric Drive Roller by Region
- 8.3 Balance of Trade

## **CHAPTER 9 HISTORICAL AND FORECAST ELECTRIC DRIVE ROLLER MARKET IN NORTH AMERICA (2020-2030)**

- 9.1 Electric Drive Roller Market Size
- 9.2 Electric Drive Roller Demand by End Use
- 9.3 Competition by Players/Suppliers
- 9.4 Type Segmentation and Price
- 9.5 Key Countries Analysis
  - 9.5.1 United States
  - 9.5.2 Canada
  - 9.5.3 Mexico

## **CHAPTER 10 HISTORICAL AND FORECAST ELECTRIC DRIVE ROLLER MARKET IN SOUTH AMERICA (2020-2030)**

- 10.1 Electric Drive Roller Market Size
- 10.2 Electric Drive Roller Demand by End Use
- 10.3 Competition by Players/Suppliers
- 10.4 Type Segmentation and Price
- 10.5 Key Countries Analysis
  - 10.5.1 Brazil
  - 10.5.2 Argentina
  - 10.5.3 Chile
  - 10.5.4 Peru

## **CHAPTER 11 HISTORICAL AND FORECAST ELECTRIC DRIVE ROLLER MARKET IN ASIA & PACIFIC (2020-2030)**

- 11.1 Electric Drive Roller Market Size
- 11.2 Electric Drive Roller Demand by End Use
- 11.3 Competition by Players/Suppliers
- 11.4 Type Segmentation and Price
- 11.5 Key Countries Analysis
  - 11.5.1 China
  - 11.5.2 India
  - 11.5.3 Japan
  - 11.5.4 South Korea
  - 11.5.5 Southeast Asia
  - 11.5.6 Australia

## **CHAPTER 12 HISTORICAL AND FORECAST ELECTRIC DRIVE ROLLER MARKET IN EUROPE (2020-2030)**

- 12.1 Electric Drive Roller Market Size
- 12.2 Electric Drive Roller Demand by End Use
- 12.3 Competition by Players/Suppliers
- 12.4 Type Segmentation and Price
- 12.5 Key Countries Analysis
  - 12.5.1 Germany
  - 12.5.2 France
  - 12.5.3 United Kingdom
  - 12.5.4 Italy
  - 12.5.5 Spain
  - 12.5.6 Belgium
  - 12.5.7 Netherlands
  - 12.5.8 Austria
  - 12.5.9 Poland
  - 12.5.10 Russia

## **CHAPTER 13 HISTORICAL AND FORECAST ELECTRIC DRIVE ROLLER MARKET IN MEA (2020-2030)**

- 13.1 Electric Drive Roller Market Size
- 13.2 Electric Drive Roller Demand by End Use
- 13.3 Competition by Players/Suppliers
- 13.4 Type Segmentation and Price
- 13.5 Key Countries Analysis

- 13.5.1 Egypt
- 13.5.2 Israel
- 13.5.3 South Africa
- 13.5.4 Gulf Cooperation Council Countries
- 13.5.5 Turkey

## **CHAPTER 14 SUMMARY FOR GLOBAL ELECTRIC DRIVE ROLLER MARKET (2020-2025)**

- 14.1 Electric Drive Roller Market Size
- 14.2 Electric Drive Roller Demand by End Use
- 14.3 Competition by Players/Suppliers
- 14.4 Type Segmentation and Price

## **CHAPTER 15 GLOBAL ELECTRIC DRIVE ROLLER MARKET FORECAST (2025-2030)**

- 15.1 Electric Drive Roller Market Size Forecast
- 15.2 Electric Drive Roller Demand Forecast
- 15.3 Competition by Players/Suppliers
- 15.4 Type Segmentation and Price Forecast

## **CHAPTER 16 ANALYSIS OF GLOBAL KEY VENDORS**

- 16.1 Hamm
  - 16.1.1 Company Profile
  - 16.1.2 Main Business and Electric Drive Roller Information
  - 16.1.3 SWOT Analysis of Hamm
  - 16.1.4 Hamm Electric Drive Roller Sales, Revenue, Price and Gross Margin  
(2020-2025)
- 16.2 Bomag
  - 16.2.1 Company Profile
  - 16.2.2 Main Business and Electric Drive Roller Information
  - 16.2.3 SWOT Analysis of Bomag
  - 16.2.4 Bomag Electric Drive Roller Sales, Revenue, Price and Gross Margin  
(2020-2025)
- 16.3 XCMG
  - 16.3.1 Company Profile
  - 16.3.2 Main Business and Electric Drive Roller Information

### 16.3.3 SWOT Analysis of XCMG

### 16.3.4 XCMG Electric Drive Roller Sales, Revenue, Price and Gross Margin

(2020-2025)

## 16.4 Dynapac

### 16.4.1 Company Profile

### 16.4.2 Main Business and Electric Drive Roller Information

### 16.4.3 SWOT Analysis of Dynapac

### 16.4.4 Dynapac Electric Drive Roller Sales, Revenue, Price and Gross Margin

(2020-2025)

Please ask for sample pages for full companies list

Tables and Figures

Table Abbreviation and Acronyms List

Table Research Scope of Electric Drive Roller Report

Table Data Sources of Electric Drive Roller Report

Table Major Assumptions of Electric Drive Roller Report

Figure Market Size Estimated Method

Figure Major Forecasting Factors

Figure Electric Drive Roller Picture

Table Electric Drive Roller Classification

Table Electric Drive Roller Applications List

Table Drivers of Electric Drive Roller Market

Table Restraints of Electric Drive Roller Market

Table Opportunities of Electric Drive Roller Market

Table Threats of Electric Drive Roller Market

Table Covid-19 Impact For Electric Drive Roller Market

Table Raw Materials Suppliers List

Table Different Production Methods of Electric Drive Roller

Table Cost Structure Analysis of Electric Drive Roller

Table Key End Users List

Table Latest News of Electric Drive Roller Market

Table Merger and Acquisition List

Table Planned/Future Project of Electric Drive Roller Market

Table Policy of Electric Drive Roller Market

Table 2020-2030 Regional Export of Electric Drive Roller

Table 2020-2030 Regional Import of Electric Drive Roller

Table 2020-2030 Regional Trade Balance

Figure 2020-2030 Regional Trade Balance

Table 2020-2030 North America Electric Drive Roller Market Size and Market Volume  
List



Figure 2020-2030 North America Electric Drive Roller Market Size and CAGR

Figure 2020-2030 North America Electric Drive Roller Market Volume and CAGR

Table 2020-2030 North America Electric Drive Roller Demand List by Application

Table 2020-2025 North America Electric Drive Roller Key Players Sales List

Table 2020-2025 North America Electric Drive Roller Key Players Market Share List

Table 2020-2030 North America Electric Drive Roller Demand List by Type

Table 2020-2025 North America Electric Drive Roller Price List by Type

Table 2020-2030 United States Electric Drive Roller Market Size and Market Volume List

Table 2020-2030 United States Electric Drive Roller Import & Export List

Table 2020-2030 Canada Electric Drive Roller Market Size and Market Volume List

Table 2020-2030 Canada Electric Drive Roller Import & Export List

Table 2020-2030 Mexico Electric Drive Roller Market Size and Market Volume List

Table 2020-2030 Mexico Electric Drive Roller Import & Export List

Table 2020-2030 South America Electric Drive Roller Market Size and Market Volume List

Figure 2020-2030 South America Electric Drive Roller Market Size and CAGR

Figure 2020-2030 South America Electric Drive Roller Market Volume and CAGR

Table 2020-2030 South America Electric Drive Roller Demand List by Application

Table 2020-2025 South America Electric Drive Roller Key Players Sales List

Table 2020-2025 South America Electric Drive Roller Key Players Market Share List

Table 2020-2030 South America Electric Drive Roller Demand List by Type

Table 2020-2025 South America Electric Drive Roller Price List by Type

Table 2020-2030 Brazil Electric Drive Roller Market Size and Market Volume List

Table 2020-2030 Brazil Electric Drive Roller Import & Export List

Table 2020-2030 Argentina Electric Drive Roller Market Size and Market Volume List

Table 2020-2030 Argentina Electric Drive Roller Import & Export List

Table 2020-2030 Chile Electric Drive Roller Market Size and Market Volume List

Table 2020-2030 Chile Electric Drive Roller Import & Export List

Table 2020-2030 Peru Electric Drive Roller Market Size and Market Volume List

Table 2020-2030 Peru Electric Drive Roller Import & Export List

Table 2020-2030 Asia & Pacific Electric Drive Roller Market Size and Market Volume List

Figure 2020-2030 Asia & Pacific Electric Drive Roller Market Size and CAGR

Figure 2020-2030 Asia & Pacific Electric Drive Roller Market Volume and CAGR

Table 2020-2030 Asia & Pacific Electric Drive Roller Demand List by Application

Table 2020-2025 Asia & Pacific Electric Drive Roller Key Players Sales List

Table 2020-2025 Asia & Pacific Electric Drive Roller Key Players Market Share List

Table 2020-2030 Asia & Pacific Electric Drive Roller Demand List by Type

Table 2020-2025 Asia & Pacific Electric Drive Roller Price List by Type
Table 2020-2030 China Electric Drive Roller Market Size and Market Volume List
Table 2020-2030 China Electric Drive Roller Import & Export List
Table 2020-2030 India Electric Drive Roller Market Size and Market Volume List
Table 2020-2030 India Electric Drive Roller Import & Export List
Table 2020-2030 Japan Electric Drive Roller Market Size and Market Volume List
Table 2020-2030 Japan Electric Drive Roller Import & Export List
Table 2020-2030 South Korea Electric Drive Roller Market Size and Market Volume List
Table 2020-2030 South Korea Electric Drive Roller Import & Export List
Table 2020-2030 Southeast Asia Electric Drive Roller Market Size List
Table 2020-2030 Southeast Asia Electric Drive Roller Market Volume List
Table 2020-2030 Southeast Asia Electric Drive Roller Import List
Table 2020-2030 Southeast Asia Electric Drive Roller Export List
Table 2020-2030 Australia Electric Drive Roller Market Size and Market Volume List
Table 2020-2030 Australia Electric Drive Roller Import & Export List
Table 2020-2030 Europe Electric Drive Roller Market Size and Market Volume List
Figure 2020-2030 Europe Electric Drive Roller Market Size and CAGR
Figure 2020-2030 Europe Electric Drive Roller Market Volume and CAGR
Table 2020-2030 Europe Electric Drive Roller Demand List by Application
Table 2020-2025 Europe Electric Drive Roller Key Players Sales List
Table 2020-2025 Europe Electric Drive Roller Key Players Market Share List
Table 2020-2030 Europe Electric Drive Roller Demand List by Type
Table 2020-2025 Europe Electric Drive Roller Price List by Type
Table 2020-2030 Germany Electric Drive Roller Market Size and Market Volume List
Table 2020-2030 Germany Electric Drive Roller Import & Export List
Table 2020-2030 France Electric Drive Roller Market Size and Market Volume List
Table 2020-2030 France Electric Drive Roller Import & Export List
Table 2020-2030 United Kingdom Electric Drive Roller Market Size and Market Volume List
Table 2020-2030 United Kingdom Electric Drive Roller Import & Export List
Table 2020-2030 Italy Electric Drive Roller Market Size and Market Volume List
Table 2020-2030 Italy Electric Drive Roller Import & Export List
Table 2020-2030 Spain Electric Drive Roller Market Size and Market Volume List
Table 2020-2030 Spain Electric Drive Roller Import & Export List
Table 2020-2030 Belgium Electric Drive Roller Market Size and Market Volume List
Table 2020-2030 Belgium Electric Drive Roller Import & Export List
Table 2020-2030 Netherlands Electric Drive Roller Market Size and Market Volume List
Table 2020-2030 Netherlands Electric Drive Roller Import & Export List
Table 2020-2030 Austria Electric Drive Roller Market Size and Market Volume List

Table 2020-2030 Austria Electric Drive Roller Import & Export List
Table 2020-2030 Poland Electric Drive Roller Market Size and Market Volume List
Table 2020-2030 Poland Electric Drive Roller Import & Export List
Table 2020-2030 Russia Electric Drive Roller Market Size and Market Volume List
Table 2020-2030 Russia Electric Drive Roller Import & Export List
Table 2020-2030 MEA Electric Drive Roller Market Size and Market Volume List
Figure 2020-2030 MEA Electric Drive Roller Market Size and CAGR
Figure 2020-2030 MEA Electric Drive Roller Market Volume and CAGR
Table 2020-2030 MEA Electric Drive Roller Demand List by Application
Table 2020-2025 MEA Electric Drive Roller Key Players Sales List
Table 2020-2025 MEA Electric Drive Roller Key Players Market Share List
Table 2020-2030 MEA Electric Drive Roller Demand List by Type
Table 2020-2025 MEA Electric Drive Roller Price List by Type
Table 2020-2030 Egypt Electric Drive Roller Market Size and Market Volume List
Table 2020-2030 Egypt Electric Drive Roller Import & Export List
Table 2020-2030 Israel Electric Drive Roller Market Size and Market Volume List
Table 2020-2030 Israel Electric Drive Roller Import & Export List
Table 2020-2030 South Africa Electric Drive Roller Market Size and Market Volume List
Table 2020-2030 South Africa Electric Drive Roller Import & Export List
Table 2020-2030 Gulf Cooperation Council Countries Electric Drive Roller Market Size and Market Volume List
Table 2020-2030 Gulf Cooperation Council Countries Electric Drive Roller Import & Export List
Table 2020-2030 Turkey Electric Drive Roller Market Size and Market Volume List
Table 2020-2030 Turkey Electric Drive Roller Import & Export List
Table 2020-2025 Global Electric Drive Roller Market Size List by Region
Table 2020-2025 Global Electric Drive Roller Market Size Share List by Region
Table 2020-2025 Global Electric Drive Roller Market Volume List by Region
Table 2020-2025 Global Electric Drive Roller Market Volume Share List by Region
Table 2020-2025 Global Electric Drive Roller Demand List by Application
Table 2020-2025 Global Electric Drive Roller Demand Market Share List by Application
Table 2020-2025 Global Electric Drive Roller Key Vendors Sales List
Table 2020-2025 Global Electric Drive Roller Key Vendors Sales Share List
Figure 2020-2025 Global Electric Drive Roller Market Volume and Growth Rate
Table 2020-2025 Global Electric Drive Roller Key Vendors Revenue List
Figure 2020-2025 Global Electric Drive Roller Market Size and Growth Rate
Table 2020-2025 Global Electric Drive Roller Key Vendors Revenue Share List
Table 2020-2025 Global Electric Drive Roller Demand List by Type
Table 2020-2025 Global Electric Drive Roller Demand Market Share List by Type

Table 2020-2025 Regional Electric Drive Roller Price List
Table 2025-2030 Global Electric Drive Roller Market Size List by Region
Table 2025-2030 Global Electric Drive Roller Market Size Share List by Region
Table 2025-2030 Global Electric Drive Roller Market Volume List by Region
Table 2025-2030 Global Electric Drive Roller Market Volume Share List by Region
Table 2025-2030 Global Electric Drive Roller Demand List by Application
Table 2025-2030 Global Electric Drive Roller Demand Market Share List by Application
Table 2025-2030 Global Electric Drive Roller Key Vendors Sales List
Table 2025-2030 Global Electric Drive Roller Key Vendors Sales Share List
Figure 2025-2030 Global Electric Drive Roller Market Volume and Growth Rate
Table 2025-2030 Global Electric Drive Roller Key Vendors Revenue List
Figure 2025-2030 Global Electric Drive Roller Market Size and Growth Rate
Table 2025-2030 Global Electric Drive Roller Key Vendors Revenue Share List
Table 2025-2030 Global Electric Drive Roller Demand List by Type
Table 2025-2030 Global Electric Drive Roller Demand Market Share List by Type
Table 2025-2030 Electric Drive Roller Regional Price List
Table Hamm Information
Table SWOT Analysis of Hamm
Table 2020-2025 Hamm Electric Drive Roller Sale Volume Price Cost Revenue
Figure 2020-2025 Hamm Electric Drive Roller Sale Volume and Growth Rate
Figure 2020-2025 Hamm Electric Drive Roller Market Share
Table Bomag Information
Table SWOT Analysis of Bomag
Table 2020-2025 Bomag Electric Drive Roller Sale Volume Price Cost Revenue
Figure 2020-2025 Bomag Electric Drive Roller Sale Volume and Growth Rate
Figure 2020-2025 Bomag Electric Drive Roller Market Share
Table XCMG Information
Table SWOT Analysis of XCMG
Table 2020-2025 XCMG Electric Drive Roller Sale Volume Price Cost Revenue
Figure 2020-2025 XCMG Electric Drive Roller Sale Volume and Growth Rate
Figure 2020-2025 XCMG Electric Drive Roller Market Share
Table Dynapac Information
Table SWOT Analysis of Dynapac
Table 2020-2025 Dynapac Electric Drive Roller Sale Volume Price Cost Revenue
Figure 2020-2025 Dynapac Electric Drive Roller Sale Volume and Growth Rate
Figure 2020-2025 Dynapac Electric Drive Roller Market Share

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