

# Linear Motion System - Global Market Outlook (2020-2028)

<https://marketpublishers.com/r/LB078FF8A06FEN.html>

Date: May 2021

Pages: 150

Price: US\$ 4,150.00 (Single User License)

ID: LB078FF8A06FEN

## Abstracts

According to Statistics MRC, the Global Linear Motion System Market is accounted for \$6.72 billion in 2020 and is expected to reach \$11.11 billion by 2028 growing at a CAGR of 6.5% during the forecast period. Growing need for quality inspection and automation, reduced time-to-market, growing demand for high accuracy and repeatability in industrial processes and rising demand for miniaturization of electronic devices in the semiconductor industry are the major factors propelling the market growth. However, lack of effective product differentiation and high cost of installation of linear motion systems are hampering the market growth.

A linear-motion system is a designed to offer free motion in one direction. Linear motion systems contain linear motion bearings, slides, and rails as components, and are used in a wide variety of applications. The systems are equipped with a wide range of control systems and configurations to meet desired production requirements. Linear motion systems are built to work at high speeds, with a high level of accuracy and performance in harsh environmental conditions. They help in the transportation of industrial payloads in harsh environments, which is very useful for applications pertaining to factory automation.

Based on end user, the automotive segment is going to have a lucrative growth during the forecast period owing to the rise in automotive sales around the globe. Moreover, the rapidly increasing demand for energy-efficient mass transit drives increased the adoption of hybrid and fully electric-powered vehicles, which is creating a massive opportunity for linear motion systems in the automotive sector. Due to the growing adoption of automation in the automotive manufacturing process and involvement of digitization and AI, the demand for different linear motion systems is increasing in the automotive sector.

By geography, Asia Pacific is going to have a lucrative growth during the forecast period due to an increase in industrial activity, technological advancements in the field of linear motion systems, rise in government investment in industrial automation systems, and the presence of well-established players providing linear motion system across the region. The region constitutes the presence of large semiconductor industry, besides automotive, pharmaceutical, food & beverages, and machine manufacturing. Moreover, there is a rising degree of miniaturization in various fields of applications that have led to a rise in the production of various linear motion systems in the region.

Some of the key players profiled in the Linear Motion System Market include ABB, Automation Tooling Systems, Beckhoff Automation, Bishop-Wisecarver, Bosch Rexroth AG, Fortive, Hepco Motion, Hiwin Corporation, Lintech, Mitsubishi Electric, Nippon Bearing Co. Ltd, Parker Hannifin Corporation, Rockwell Automation Inc, Rollon SpA, Schneeberger AG, Schneider Electric Motion USA, SKF AB, and Thomson Industries Inc.

#### Types Covered:

Multi-axis Linear Motion System

Single-axis Linear Motion System

#### Products Covered:

Actuators

Controllers

Linear Drive System

Linear Axes

Linear Guides & Tables

Linear Modules

Motors

#### Applications Covered:

Steel Manufacturing

Machine Tools

Material Handling Equipment

Packaging

Palletizing

Robotics

#### End Users Covered:

Aerospace

Automotive

Electronics and Semiconductor

Food & Beverages

Medical and Healthcare

Oil & Gas

#### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025, and 2028

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

#### Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

#### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

#### Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Product Analysis
- 3.7 Application Analysis
- 3.8 End User Analysis
- 3.9 Emerging Markets
- 3.10 Impact of Covid-19

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

## **5 GLOBAL LINEAR MOTION SYSTEM MARKET, BY TYPE**

- 5.1 Introduction
- 5.2 Multi-axis Linear Motion System
- 5.3 Single-axis Linear Motion System

## **6 GLOBAL LINEAR MOTION SYSTEM MARKET, BY PRODUCT**

- 6.1 Introduction
- 6.2 Actuators
  - 6.2.1 Rodless Actuators
  - 6.2.2 Rod-Style Actuators
- 6.3 Controllers
- 6.4 Linear Drive System
  - 6.4.1 Ball Screws
  - 6.4.2 Roller Screws
- 6.5 Linear Axes
- 6.6 Linear Guides & Tables
- 6.7 Linear Modules
  - 6.7.1 Ball Rail Modules
  - 6.7.2 Feed Modules
  - 6.7.3 Functional Modules
  - 6.7.4 Omega Modules
  - 6.7.5 Precision Modules
- 6.8 Motors

## **7 GLOBAL LINEAR MOTION SYSTEM MARKET, BY APPLICATION**

- 7.1 Introduction
- 7.2 Steel Manufacturing
- 7.3 Machine Tools
- 7.4 Material Handling Equipment
- 7.5 Packaging
- 7.6 Palletizing
- 7.7 Robotics

## **8 GLOBAL LINEAR MOTION SYSTEM MARKET, BY END USER**



- 8.1 Introduction
- 8.2 Aerospace
- 8.3 Automotive
- 8.4 Electronics and Semiconductor
- 8.5 Food & Beverages
- 8.6 Medical and Healthcare
- 8.7 Oil & Gas

## **9 GLOBAL LINEAR MOTION SYSTEM MARKET, BY GEOGRAPHY**

- 9.1 Introduction
- 9.2 North America
  - 9.2.1 US
  - 9.2.2 Canada
  - 9.2.3 Mexico
- 9.3 Europe
  - 9.3.1 Germany
  - 9.3.2 UK
  - 9.3.3 Italy
  - 9.3.4 France
  - 9.3.5 Spain
  - 9.3.6 Rest of Europe
- 9.4 Asia Pacific
  - 9.4.1 Japan
  - 9.4.2 China
  - 9.4.3 India
  - 9.4.4 Australia
  - 9.4.5 New Zealand
  - 9.4.6 South Korea
  - 9.4.7 Rest of Asia Pacific
- 9.5 South America
  - 9.5.1 Argentina
  - 9.5.2 Brazil
  - 9.5.3 Chile
  - 9.5.4 Rest of South America
- 9.6 Middle East & Africa
  - 9.6.1 Saudi Arabia
  - 9.6.2 UAE
  - 9.6.3 Qatar

9.6.4 South Africa

9.6.5 Rest of Middle East & Africa

## **10 KEY DEVELOPMENTS**

10.1 Agreements, Partnerships, Collaborations and Joint Ventures

10.2 Acquisitions & Mergers

10.3 New Product Launch

10.4 Expansions

10.5 Other Key Strategies

## **11 COMPANY PROFILING**

11.1 ABB

11.2 Automation Tooling Systems

11.3 Beckhoff Automation

11.4 Bishop-Wisecarver

11.5 Bosch Rexroth AG

11.6 Fortive

11.7 Hepco Motion

11.8 Hiwin Corporation

11.9 Lintech

11.10 Mitsubishi Electric

11.11 Nippon Bearing Co. Ltd

11.12 Parker Hannifin Corporation

11.13 Rockwell Automation Inc

11.14 Rollon SpA

11.15 Schneeberger AG

11.16 Schneider Electric Motion USA

11.17 SKF AB

11.18 Thomson Industries Inc

## List Of Tables

### LIST OF TABLES

Table 1 Global Linear Motion System Market Outlook, By Region (2019-2028) (\$MN)

Table 2 Global Linear Motion System Market Outlook, By Type (2019-2028) (\$MN)

Table 3 Global Linear Motion System Market Outlook, By Multi-axis Linear Motion System (2019-2028) (\$MN)

Table 4 Global Linear Motion System Market Outlook, By Single-axis Linear Motion System (2019-2028) (\$MN)

Table 5 Global Linear Motion System Market Outlook, By Product (2019-2028) (\$MN)

Table 6 Global Linear Motion System Market Outlook, By Actuators (2019-2028) (\$MN)

Table 7 Global Linear Motion System Market Outlook, By Rodless Actuators (2019-2028) (\$MN)

Table 8 Global Linear Motion System Market Outlook, By Rod-Style Actuators (2019-2028) (\$MN)

Table 9 Global Linear Motion System Market Outlook, By Controllers (2019-2028) (\$MN)

Table 10 Global Linear Motion System Market Outlook, By Linear Drive System (2019-2028) (\$MN)

Table 11 Global Linear Motion System Market Outlook, By Ball Screws (2019-2028) (\$MN)

Table 12 Global Linear Motion System Market Outlook, By Roller Screws (2019-2028) (\$MN)

Table 13 Global Linear Motion System Market Outlook, By Linear Axes (2019-2028) (\$MN)

Table 14 Global Linear Motion System Market Outlook, By Linear Guides & Tables (2019-2028) (\$MN)

Table 15 Global Linear Motion System Market Outlook, By Linear Modules (2019-2028) (\$MN)

Table 16 Global Linear Motion System Market Outlook, By Ball Rail Modules (2019-2028) (\$MN)

Table 17 Global Linear Motion System Market Outlook, By Feed Modules (2019-2028) (\$MN)

Table 18 Global Linear Motion System Market Outlook, By Functional Modules (2019-2028) (\$MN)

Table 19 Global Linear Motion System Market Outlook, By Omega Modules (2019-2028) (\$MN)

Table 20 Global Linear Motion System Market Outlook, By Precision Modules

(2019-2028) (\$MN)

Table 21 Global Linear Motion System Market Outlook, By Motors (2019-2028) (\$MN)

Table 22 Global Linear Motion System Market Outlook, By Application (2019-2028) (\$MN)

Table 23 Global Linear Motion System Market Outlook, By Steel Manufacturing (2019-2028) (\$MN)

Table 24 Global Linear Motion System Market Outlook, By Machine Tools (2019-2028) (\$MN)

Table 25 Global Linear Motion System Market Outlook, By Material Handling Equipment (2019-2028) (\$MN)

Table 26 Global Linear Motion System Market Outlook, By Packaging (2019-2028) (\$MN)

Table 27 Global Linear Motion System Market Outlook, By Palletizing (2019-2028) (\$MN)

Table 28 Global Linear Motion System Market Outlook, By Robotics (2019-2028) (\$MN)

Table 29 Global Linear Motion System Market Outlook, By End User (2019-2028) (\$MN)

Table 30 Global Linear Motion System Market Outlook, By Aerospace (2019-2028) (\$MN)

Table 31 Global Linear Motion System Market Outlook, By Automotive (2019-2028) (\$MN)

Table 32 Global Linear Motion System Market Outlook, By Electronics and Semiconductor (2019-2028) (\$MN)

Table 33 Global Linear Motion System Market Outlook, By Food & Beverages (2019-2028) (\$MN)

Table 34 Global Linear Motion System Market Outlook, By Medical and Healthcare (2019-2028) (\$MN)

Table 35 Global Linear Motion System Market Outlook, By Oil & Gas (2019-2028) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

## I would like to order

Product name: Linear Motion System - Global Market Outlook (2020-2028)

Product link: <https://marketpublishers.com/r/LB078FF8A06FEN.html>

Price: US\$ 4,150.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/LB078FF8A06FEN.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