

# Hyperloop Technology Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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## Abstracts

### Market Overview:

The global hyperloop technology market is expected to reach a value of US\$ 1.8 Billion in 2023. Looking forward, IMARC Group expects the market to reach levels worth US\$ 12.3 Billion by 2028, exhibiting a growth rate (CAGR) of 37.6% during 2023-2028. The increasing environmental consciousness among the masses, the growing need for speed and efficiency, and the widespread adoption of hyperloop technology to reduce the cost of transportation represent some of the key factors driving the market.

Hyperloop technology is a proposed mode of transportation that utilizes low-pressure tubes to move passengers and cargo at high speeds. The idea was initially presented as a way for individuals to travel between large cities in pods that levitate on electromagnetic fields and move through a vacuum. The hyperloop functions similarly to the pneumatic tubes that are frequently utilized in banks for transporting paperwork between floors. The hyperloop system, however, would operate on a much larger scale and employ pods to transport passengers as well as cargo. Since there is less air resistance inside the tube due to the low pressure, the pods may go there quickly and with little energy expenditure. The system is anticipated to run on renewable energy, making it a more environmentally friendly and sustainable method of transportation. A number of companies are developing prototypes and testing various features of the technology as it is still in the development stage. If it performs, the hyperloop would revolutionize long-distance transportation by offering a quicker, safer, and more effective alternative to flying and driving.

### Hyperloop Technology Market Trends:

The increasing environmental consciousness among the masses majorly drives the global market. This can be supported by the environmentally friendly nature of the system as it uses electric propulsion and is designed to operate with renewable energy sources, such as solar and wind. Along with this, the growing need for speed and efficiency is also significantly influencing the demand for hyperloop technology as it is faster than any other mode of transportation and increases the efficiency of the transportation system. Apart from this, the rising popularity of hyperloop technology to reduce the cost of transportation for both individuals and businesses is positively influencing the market. In addition, the hyperloop system can connect remote and underserved areas with major urban centers, providing greater access to economic opportunities and improving the quality of life for consumers, propelling the demand. Apart from this, the growing level of congestion on roads and highways is encouraging the adoption of hyperloop technology as an alternative mode of transportation to alleviate traffic congestion in urban areas, which is acting as another growth-inducing factor. Furthermore, numerous government agencies across the globe providing funding for research and development are creating a positive market outlook. Some of the other factors driving the market include rapid urbanization and continual technological advancements.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global hyperloop technology market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on component type, speed and carriage type.

#### Component Type Insights:

- Tube
- Propulsion System
- Capsule
- Others

The report has provided a detailed breakup and analysis of the hyperloop technology market based on the component type. This includes tube, propulsion system, capsule, and others. According to the report, tube represented the largest segment.

#### Speed Insights:

More than 700 kmph  
Less than 700 kmph

A detailed breakup and analysis of the hyperloop technology market based on the speed has also been provided in the report. This includes more than 700 kmph and less than 700 kmph.

Carriage Type Insights:

Passenger  
Cargo/Freight

The report has provided a detailed breakup and analysis of the hyperloop technology market based on the carriage type. This includes passenger and cargo/freight. At present, passenger represents the most preferred carriage type worldwide.

Regional Insights:

North America

United States  
Canada

Asia-Pacific

China  
Japan  
India  
South Korea  
Australia  
Indonesia  
Others

Europe

Germany  
France  
United Kingdom

Italy  
Spain  
Russia  
Others

Latin America

Brazil  
Mexico  
Others

Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (United States, Canada); Asia-Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, Asia Pacific was the largest market for hyperloop technology. Some of the factors driving Asia Pacific hyperloop technology market included rapid urbanization, favorable government regulations and technological advancements.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global hyperloop technology market. Competitive analysis such as market structure, market share by key players, player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided. Some of the companies covered Aecom, Dinclix GroundWorks Private Limited, Hardt B.V., Hyperloop Transportation Technologies, Tesla Inc., TransPod Inc., Virgin Hyperloop and Zeleros Hyperloop. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

Key Questions Answered in This Report:

What was the size of the global hyperloop technology market in 2023?

What is the expected growth rate of the global hyperloop technology market during 2023-2028?

What has been the impact of COVID-19 on the global hyperloop technology market?

What are the key factors driving the global hyperloop technology market?

What is the breakup of the global hyperloop technology market based on the component type?

What is the breakup of the global hyperloop technology market based on the carriage type?

What are the key regions in the global hyperloop technology market?

Who are the key players/companies in the global hyperloop technology market?

## Contents

### **1 PREFACE**

### **2 SCOPE AND METHODOLOGY**

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### **3 EXECUTIVE SUMMARY**

### **4 INTRODUCTION**

- 4.1 Overview
- 4.2 Key Industry Trends

### **5 GLOBAL HYPERLOOP TECHNOLOGY MARKET**

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

### **6 MARKET BREAKUP BY COMPONENT TYPE**

- 6.1 Tube
  - 6.1.1 Market Trends and Forecast
- 6.2 Propulsion System
  - 6.2.1 Market Trends and Forecast
- 6.3 Capsule
  - 6.3.1 Market Trends and Forecast
- 6.4 Others

6.4.1 Market Trends and Forecast

## **7 MARKET BREAKUP BY SPEED**

7.1 More than 700 kmph

7.1.1 Market Trends and Forecast

7.2 Less than 700 kmph

7.2.1 Market Trends and Forecast

## **8 MARKET BREAKUP BY CARRIAGE TYPE**

8.1 Passenger

8.1.1 Market Trends and Forecast

8.2 Cargo/Freight

8.2.1 Market Trends and Forecast

## **9 MARKET BREAKUP BY REGION**

9.1 North America

9.1.1 United States

9.1.1.1 Market Trends and Forecast

9.1.2 Canada

9.1.2.1 Market Trends and Forecast

9.2 Asia-Pacific

9.2.1 China

9.2.1.1 Market Trends and Forecast

9.2.2 Japan

9.2.2.1 Market Trends and Forecast

9.2.3 India

9.2.3.1 Market Trends and Forecast

9.2.4 South Korea

9.2.4.1 Market Trends and Forecast

9.2.5 Australia

9.2.5.1 Market Trends and Forecast

9.2.6 Indonesia

9.2.6.1 Market Trends and Forecast

9.2.7 Others

9.2.7.1 Market Trends and Forecast

9.3 Europe

- 9.3.1 Germany
  - 9.3.1.1 Market Trends and Forecast
- 9.3.2 France
  - 9.3.2.1 Market Trends and Forecast
- 9.3.3 United Kingdom
  - 9.3.3.1 Market Trends and Forecast
- 9.3.4 Italy
  - 9.3.4.1 Market Trends and Forecast
- 9.3.5 Spain
  - 9.3.5.1 Market Trends and Forecast
- 9.3.6 Russia
  - 9.3.6.1 Market Trends and Forecast
- 9.3.7 Others
  - 9.3.7.1 Market Trends and Forecast
- 9.4 Latin America
  - 9.4.1 Brazil
    - 9.4.1.1 Market Trends and Forecast
  - 9.4.2 Mexico
    - 9.4.2.1 Market Trends and Forecast
  - 9.4.3 Others
    - 9.4.3.1 Market Trends and Forecast
- 9.5 Middle East and Africa
  - 9.5.1 Market Trends and Forecast
  - 9.5.2 Market Breakup by Country

## **10 SWOT ANALYSIS**

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

## **11 VALUE CHAIN ANALYSIS**

## **12 PORTERS FIVE FORCES ANALYSIS**

- 12.1 Overview
- 12.2 Bargaining Power of Buyers



- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

## **13 PRICE ANALYSIS**

## **14 COMPETITIVE LANDSCAPE**

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
  - 14.3.1 Aecom
    - 14.3.1.1 Company Overview
    - 14.3.1.2 Product Portfolio
    - 14.3.1.3 Financials
    - 14.3.1.4 SWOT Analysis
  - 14.3.2 Dinclix GroundWorks Private Limited
    - 14.3.2.1 Company Overview
    - 14.3.2.2 Product Portfolio
  - 14.3.3 Hardt B.V.
    - 14.3.3.1 Company Overview
    - 14.3.3.2 Product Portfolio
  - 14.3.4 Hyperloop Transportation Technologies
    - 14.3.4.1 Company Overview
    - 14.3.4.2 Product Portfolio
  - 14.3.5 Tesla Inc.
    - 14.3.5.1 Company Overview
    - 14.3.5.2 Product Portfolio
    - 14.3.5.3 Financials
    - 14.3.5.4 SWOT Analysis
  - 14.3.6 TransPod Inc.
    - 14.3.6.1 Company Overview
    - 14.3.6.2 Product Portfolio
  - 14.3.7 Virgin Hyperloop
    - 14.3.7.1 Company Overview
    - 14.3.7.2 Product Portfolio
  - 14.3.8 Zeleros Hyperloop
    - 14.3.8.1 Company Overview

## 14.3.8.2 Product Portfolio

## List Of Tables

### LIST OF TABLES

Table 1: Global: Hyperloop Technology Market: Key Industry Highlights, 2023 and 2028

Table 2: Global: Hyperloop Technology Market Forecast: Breakup by Component Type (in Million US\$), 2023-2028

Table 3: Global: Hyperloop Technology Market Forecast: Breakup by Speed (in Million US\$), 2023-2028

Table 4: Global: Hyperloop Technology Market Forecast: Breakup by Carriage Type (in Million US\$), 2023-2028

Table 5: Global: Hyperloop Technology Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Global: Hyperloop Technology Market: Competitive Structure

Table 7: Global: Hyperloop Technology Market: Key Players

## List Of Figures

### LIST OF FIGURES

Figure 1: Global: Hyperloop Technology Market: Major Drivers and Challenges

Figure 2: Global: Hyperloop Technology Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 3: Global: Hyperloop Technology Market: Breakup by Component Type (in %), 2023

Figure 4: Global: Hyperloop Technology Market: Breakup by Speed (in %), 2023

Figure 5: Global: Hyperloop Technology Market: Breakup by Carriage Type (in %), 2023

Figure 6: Global: Hyperloop Technology Market: Breakup by Region (in %), 2023

Figure 7: Global: Hyperloop Technology (Tube) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 8: Global: Hyperloop Technology (Propulsion System) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 9: Global: Hyperloop Technology (Capsule) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 10: Global: Hyperloop Technology (Other Components) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 11: Global: Hyperloop Technology (More than 700 kmph) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: Hyperloop Technology (Less than 700 kmph) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 13: Global: Hyperloop Technology (Passenger) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: Hyperloop Technology (Cargo/Freight) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 15: North America: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: United States: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 17: Canada: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Asia-Pacific: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 19: China: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Japan: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

2023-2028

Figure 21: India: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 22: South Korea: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 23: Australia: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Indonesia: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 25: Others: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Europe: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 27: Germany: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: France: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 29: United Kingdom: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Italy: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 31: Spain: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: Russia: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 33: Others: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: Latin America: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 35: Brazil: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: Mexico: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 37: Others: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: Middle East and Africa: Hyperloop Technology Market: Breakup by Country (in %), 2023

Figure 39: Middle East and Africa: Hyperloop Technology Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: Global: Hyperloop Technology Industry: SWOT Analysis

Figure 41: Global: Hyperloop Technology Industry: Value Chain Analysis

Figure 42: Global: Hyperloop Technology Industry: Porter's Five Forces Analysis

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