Maglev Train Market By Type (Normal Conducting Magnetic Levitation, Superconducting Maglevs), By Technology (Electromagnetic Suspension (EMS), Electro-dynamic Suspension (EDS), Inductrack System (permanent magnet passive suspension)), By Application (Passenger, Freight), By Top Speed (Low, Medium, High): Global Opportunity Analysis and Industry Forecast, 2025-2035

Market Report | 2022-09-01 | 306 pages | Allied Market Research

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Report description:

The report incorporates the study of the global maglev train market that focuses on the magnetic levitation rail transport which uses electromagnetic propulsion that is used to suspend the objects using magnetic field. In other words, there is no support between the two suspended surfaces other than that of a magnetic field. It makes use of the electromagnetic forces to push and repel the train in the forward direction alongside its powered track. Currently, Japan, China, the U.S., Germany, and South Korea contribute to around 88% of the patented maglev technologies in the world. Maglev train systems have several benefits over conventional rail transportation systems. Maglev trains have less chances of rail fatalities, owing to deployment of upgraded technologies such as communication-based train control (CBTC), European railway traffic management system (ETRMS), and more. Therefore, rise in need for safe, secure, and efficient transportation system significantly contributes toward the growth of the global market.

The factors such as rise in demand for secure, safer, and efficient transport system, increase in the allocation of budget for development of railways, and rise in use of public transport services as a solution to minimize traffic congestion supplement the growth of the maglev train market. However, high capital requirement and refurbishment of existing rails are the factors expected to hamper the growth of the maglev train market. In addition, improvement in railway infrastructure in developing countries and increase in development & testing of maglev trains creates market opportunities for the key players operating in the maglev train market.

For the purpose of analysis, the global maglev train market is segmented on the basis of type, technology, application, top speed,

and region. By type, the market is divided into normal conducting magnetic levitation and superconducting maglevs. By technology, it is fragmented into electromagnetic suspension (EMS), electro-dynamic suspension (EDS), and inductrack system (permanent magnet passive suspension). By application, it is categorized into passenger and freight. By top speed, it is further classified into low, medium, and high. By region, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.
The leading players operating in the maglev train market are Agile Setu Mobility Private Limited, Alstom, American Maglev Technology Inc., Bharat Heavy Electricals Ltd, Central Japan Railway Company, CRRC Corporation Limited, East Japan Railway Company, Hitachi Ltd., Hyundai Rotem Company, IHI Corporation, Max Bogl, Medha Servo Drives Private Limited, Mitsubishi Heavy Industries Ltd, Northeast Maglev, Shanghai Maglev Transportation Development Co., Ltd., SwissRapide AG, and WSP.
Key Benefits For Stakeholders
-This study presents analytical depiction of the global maglev train market analysis along with current trends and future estimations to depict imminent investment pockets.
-The overall maglev train market opportunity is determined by understanding profitable trends to gain a stronger foothold.
-The report presents information related to the key drivers, restraints, and opportunities of the global maglev train market with a detailed impact analysis.
-The current maglev train market is quantitatively analyzed from 2025 to 2035 to benchmark the financial competency.
-Porter's five forces analysis illustrates the potency of the buyers and suppliers in the industry.
Key Market Segments
By Type
- Normal Conducting Magnetic Levitation
- Superconducting Maglevs
By Technology
- Electromagnetic Suspension (EMS)
- Electro-dynamic Suspension (EDS)
- Inductrack System (permanent magnet passive suspension)
By Application
- Passenger
- Freight
By Top Speed
- Low
- Medium
- High
By Region
- North America
- U.S.
- Canada
- Mexico
- Europe
- UK
- Germany
- France
- Italy
- Russia
- Rest Of Europe
- Asia-Pacific
- China
- Japan
- India

- Australia
- South Korea
- Singapore
- Rest Of Asia-Pacific
- LAMEA
- Latin America
- Middle East
- Arfica
- Key Market Players
- Agile Setu Pvt. Ltd
- Alstom
- American Maglev Technology, Inc.
- Bharat Heavy Electricals Ltd
- Central Japan Railway Company
- CRRC Corporation Limited (CRRC)
- East Japan Railway Company
- Hitachi, Ltd.
- Hyundai Rotem Company
- Maglev Train Market-
- Max bogl
- Medha Servo Drives Pvt. Ltd.
- MITSUBISHI HEAVY INDUSTRIES, LTD.
- Northeast Maglev
- Shanghai Maglev Transportation Development Co., Ltd.
- SwissRapide AG
- WSP

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