

Market Analysis: Diesel Multiple Unit Market, Electric Railcar Movers Market & Overhead Catenary Working Vehicles Market

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SEATTLE, WASHINGTON, USA, June 27, 2023 /EINPresswire.com/ -- Diesel Multiple Unit (DMU) market Executive Summary:

The global Diesel Multiple Unit (DMU) market is expected to grow at a CAGR of -11.63% during the forecast period (2023-2030), driven by increasing government investments in rail infrastructure development, rising demand for energy-efficient and eco-friendly transportation, and technological advancements in DMUs. Asia-Pacific is expected to dominate the market due to the growing demand for passenger transportation, rapid urbanization, and expanding rail networks. North America and Europe are expected to witness moderate growth due to mature markets for transportation. Key players in the market include CRRC Corporation Limited, Siemens AG, Hyundai Motor Company, Bombardier Inc., and Stadler Rail AG.

The diesel multiple unit (DMU) market is highly competitive with the presence of several leading players such as Stadler Rail, Alstom, Grupo CAF, IHI Group, CRRC, Transmashholding, PESA, TÜVASAŞ, Integral Coach Factory, and PT INKA.

Stadler Rail and Alstom are the two major players dominating the market with over 40% market share collectively. Stadler Rail is known for its innovative solutions and advanced technology which has led to its growth in the market. Alstom, on the other hand, is known for its engineering expertise in rail transport.

Diesel Multiple Unit (DMU) is a train with multiple self-propelled carriages, each with its own diesel engine. There are two main types of DMUs: Diesel-Electric Multiple Units (DEMUs) and Diesel-Hydraulic Multiple Units (DHMUs). DEMUs use diesel engines to drive generators that produce electricity, which powers electric motors that drive the train's wheels. DHMUs, on the other hand, use diesel engines to drive hydraulic pumps that transfer power to hydraulic motors that drive the wheels.

The Diesel Multiple Unit (DMU) is a popular train system used for both long-distance and mid-distance trips. For long-distance trips, DMUs provide the advantage of being able to travel long

distances without stopping frequently for refueling. On the other hand, for mid-distance trips, DMUs offer a more cost-effective and efficient solution compared to traditional locomotives. DMUs are also being increasingly used for commuter rail services and as shuttles between cities and airports.

North America and Europe are mature markets for Diesel Multiple Units (DMUs) and are expected to display moderate growth due to technological innovations in the existing fleet and replacements of older units. The Asia-Pacific region, particularly China, is the largest and fastest-growing market for DMUs due to increasing investment in rail infrastructure and growing demand for rapid transit systems. The USA market is expected to witness moderate growth due to increased focus on intercity and suburban rail services. China's DMU market is expected to exhibit significant growth due to infrastructure development projects and increasing investments. Overall, the global DMU market is expected to grow steadily over the next few years, driven by increasing demand for convenient and efficient transportation systems.

Click here for more information: <https://www.reportprime.com/diesel-multiple-unit-dmu-r79>

Executive Summary:

The Electric Railcar Movers market research reports indicate stable growth in the market with an increasing demand for eco-friendly and cost-effective solutions. The market is expected to see further growth with the adoption of electric railcar movers as it eliminates the need for diesel fuel and reduces emissions. Currently, the market size of Electric Railcar Movers is estimated at USD 53.00 million and is expected to reach USD 74.0 million by 2030. Factors such as increasing awareness towards environmental sustainability and the focus on reducing carbon footprint are expected to contribute to the market growth.

The electric railcar movers market is highly competitive, with numerous players operating in the market space. Some of the key players in this market include Shuttlewagon/Nordco, Global Railcar Mover Group, Drapeau, CRRC, Dongda Power, and Colmar Technik. These companies offer a range of electric railcar movers, catering to the diverse needs of various industries.

The companies operating in the electric railcar movers market contribute significantly to the growth of this market. These companies design and manufacture innovative, efficient, and reliable electric railcar movers that help improve the transportation of railcars in various industries. Some sales revenue figures for the companies listed above are:

- Global Railcar Mover Group: USD 47 million in 2020
- Shuttlewagon/Nordco: USD 36.6 million in 2020
- Colmar Technik: USD 21.8 million in 2020.

Electric railcar movers are essential for industries involved in freight transportation. These movers are available in different capacities like ≤ 500 T, 500-1000 T, and >1000 T, with each category catering to the needs of different industries. The ≤ 500 T electric railcar movers are suitable for small industries with limited requirements. The 500-1000T movers are used in medium-sized industries while >1000 T movers are required in large industries handling huge amounts of cargo. These railcar movers are generally used for loading and unloading cargos from boxcars and flatcars, and they can even move entire trains from one location to another.

Electric Railcar Movers are used in both public and industrial railway applications to efficiently move railcars. In public railways, electric railcar movers are used for switching and shunting operations, as well as for loading and unloading of freight cars. In industrial railways, these movers are used to transport goods within a factory or a warehouse, and to rearrange railcars at an intermodal terminal. Overall, they provide a cost-effective and environmentally friendly solution for railcar transportation.

The electric railcar movers market is expected to grow significantly in regions such as North America, Europe, APAC, USA, and China. One of the key factors driving the growth of this market is the increasing demand for efficient and productive material handling solutions across industries. The adoption of electric railcar movers has seen a steady increase due to their low operational costs and eco-friendly features. North America and Europe are expected to dominate the market due to the presence of established industries and high demand for railcar movers. Asia Pacific and China are also expected to experience significant growth due to the increasing industrialization and urbanization in the region, leading to a rise in demand for material handling equipment. North America and Europe are expected to be around 35-40%. Asia-Pacific region is also expected to witness significant growth which is around 25-30%.

Click here for more information: <https://www.reportprime.com/electric-railcar-movers-r80>

Executive Summary:

The global overhead catenary working vehicles market is expected to grow at a CAGR of 6.10% during the forecast period of 2023 to 2030. This growth is primarily driven by the increasing demand for electrification and railway modernization across the world. The market is segmented by type, application, and geography. Geographically, the Asia Pacific region dominates the market due to increased government investment in railway infrastructure development. The market size for overhead catenary working vehicles is estimated to be USD 758 million in 2022 and is projected to reach USD 1147.30 million by 2030, growing at a CAGR of 6.10% during the forecast period.

The overhead catenary working vehicles (OCWV) market is highly competitive, with the presence of several domestic and international players. Some of the major players in this market are Plasser & Theurer, CRRC, Harsco, CRCC High-Tech Equipment, Gemac Engineering Machinery, Geismar, Tesmec, ARVA Industries, Srida Heavy-Duty Engineering Machinery, and Vaia Car SPA.

According to their annual reports, some of the top companies in the OCWV market had the following sales revenue figures:

- Plasser & Theurer: EUR 432 million

- CRRC: CNY 219.8 billion

- Harsco: USD 1.6 billion

- Tesmec: EUR 244 million

Overhead Catenary Working Vehicles (OCWV) are used to maintain and repair overhead catenary wires that supply power to electric trains. There are several types of OCWVs available, including road and rail vehicles, heavy rail cars, and specialized maintenance equipment. Road and rail vehicles are versatile as they can move both on roads and tracks. They are smaller in size and designed to reach difficult-to-access locations. Heavy rail cars are larger and more specialized and offer higher capacity to carry a larger number of workers, materials, and tools.

Overhead Catenary Working Vehicles (OCWVs) play a crucial role in maintaining the overhead catenary system (OCS) of various railway systems. In conventional rail, OCWVs are used for inspecting and maintaining OCS, including installation and replacement of wires and cables, corrective repairs, and regular cleaning. In high-speed rail, OCWVs are used for on-track inspection and maintenance of OCS, ensuring high uptime and safe operation. For urban rail and metro systems, OCWVs are used for regular inspection, maintenance, and cleaning of OCS, ensuring smooth and reliable operation.

The overhead catenary working vehicles market is expected to grow steadily in the North American, APAC, European, and US regions due to the significant investments made in their railway infrastructure and the installation of new catenary systems. In China, the market is expected to grow significantly as the country is experiencing massive investments in high-speed rail networks and its expanding railway infrastructure. Additionally, the impact of the COVID-19 pandemic has increased the demand for rail transportation, as people shift away from air travel. Overall, the global overhead catenary working vehicles market is expected to grow at a moderate pace due to the steady investments in new railway infrastructure and the gradual shift towards sustainable transportation.

Click here for more information: <https://www.reportprime.com/overhead-catenary-working-vehicles-r81>

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