

UAE Dump Truck Market Assessment, By Tonnage [30 Tons and Below, 30.1 to 50 Tons, 50.1 to 75 Tons, 75 Tons and Above], By End-use Type [Construction, Road and Infrastructure Construction, Waste Management, Mining and Quarrying, Others], By Region, Opportunities and Forecast, 2017-2031F

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Report description:

UAE dump truck market is projected to observe a CAGR of 8.88% during the forecast period 2024-2031, rising from USD 0.50 billion in 2023 to USD 0.99 billion in 2031. The market has experienced significant growth in recent years and is projected to maintain an expansion in the coming years, owing to a considerable increase in infrastructural development, growing investment in the real estate industry, rising presence of major manufacturing firms, and easy access to technologically advanced machinery vehicles. The demand of dump truck in UAE market is increasing considerably due to rapid urbanization, rising economic conditions, significant mining activities, and expansion of logistics and transportation networks. Moreover, the development of smart mining and rising adoption rate of automated equipment, surging supply of dump trucks based on short-term and long-term contracts with mining market players, and increasing requirements for underground mining are augmenting the growth of the market in the forecast period.

Furthermore, the growth of dump trucks market is projected, owing to the development of mining sites and coalfields for power production activities including cement, power sector, and steel. Though, UAE government is framing different policies, increasing spending on transportation and infrastructure and imposing strict carbon emission rules are compelling manufacturing companies to introduce advanced dump trucks with refined engines to contribute net-zero carbon emissions and encounter the norm and standards concerning mining. The UAE government compel companies to introduce advanced features in high-performance trucks and technological advancements including telematics in the automobile sector, boosting the UAE dump trucks market.

Additionally, companies in the market are investing significantly to enhance the functioning of dump trucks and reduce the carbon footprint coupled with improved technologies to result in better electronic dump trucks in the forecast period. Companies in UAE dump trucks market have announced the launch of new and innovative dump trucks to address the rising demand from the

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construction and mining sector and expand their product portfolio.

For instance, in May 2024, JAC Motors announced the launch of a new heavy-duty truck with a GVW rating of up to 41 tons (PROMATE 2049 and WORKMATE 4146) in UAE to address the multifaceted demand of various industries including logistics, construction, and transportation in the UAE.

Constant Growth of Infrastructure Projects to Drive the UAE Dump Trucks Market Demand

The government of UAE has different commitments to infrastructure development, propelling the demand for dump trucks in UAE. The UAE government aims to raise investment in energy and infrastructure including utilities, transportation, resolving ongoing water scarcity, and renewable and nuclear energy generation. The considerable resources and commitment of the government led to several projects and opportunities for engineering companies and construction across UAE, driving the demand for dump trucks in the country. In addition, UAE has a pipeline of substantial transportation and road infrastructure projects, comprising USD 5.9 billion proposed hyperloop projects between Abu Dhabi and Dubai, a USD 11 billion Etihad rail project, USD 2.7 billion Sheikh Zayed double-check road projects, and others, boasting the UAE dump trucks market growth in the forecast period. In addition, the UAE government significantly invested in expanding the road network and railways to improve travel for both domestic and international end-users, foster the UAE dump trucks market growth in the forecast period.

For instance, in May 2024, Dubai's Roads and Transport Authority announced 45% completion of the works in the first contract for Phase 4 of the Al Shindagha Corridor Improvement Project worth USD 1.37 billion. The project has been divided into five distinct phases and all five phases should be finished by 2027.

Rising Investment in Mining Sites Pushes the UAE Dump Trucks Market Share

The government of UAE is investing significantly in mining sites and construction projected to drive the UAE dump trucks market growth as these are widely used for handling and dumping of heavy materials. The significant increase in the requirement for minerals led to an increase in the activities in the UAE mining sector, therefore, a considerable surge in the investment in the mining sector in UAE, further creating market growth opportunities for market players in the forecast period. Companies in the market are integrating lightweight components and raw materials in dump trucks and heavily investing in different research and development activities to advance features of dump trucks to meet the rising demand from the mining sector. In addition, the UAE government announced an investment in the mining sector to enhance economic growth and aims at mine development, coupled with refining, driving the UAE market growth for dump trucks.

For instance, in April 2024, the Ministry of Investment of UAE and the Ministry of Finance and National Treasury of the Republic of Kenya signed an investment memorandum worth up to USD 500 million to develop mining and technology sectors.

Government Policies and Regulations Force the UAE Market Growth for Dump Trucks

The demand for dump trucks is driven by the government's extensive infrastructure development initiatives, including road and metro expansions. In Dubai, regulatory requirements require the installation of telematics in these vehicles to boost safety and effectiveness, accelerating the market growth. Moreover, as UAE expands its economy away from oil dependence, there is an increased growth in industries including logistics and construction, which depend significantly on dump trucks. Additionally, the government mandates telematics installation in heavy vehicles to enhance safety and efficiency. In addition, recent laws to improve road safety and preserve infrastructure have shaped the regulatory and legal compliance landscape for the UAE dump truck market.

For instance, in February 2024, the Ministry of Energy and Infrastructure announced amendments to the federal law regulating the weights and dimensions of heavy vehicles on UAE roads. Based on amendments, the maximum permissible weight of heavy vehicles on the road will be set at 65 tonnes.

Construction Sector Dominates the UAE Dump Truck Market Share

The construction sector dominates the largest market share of the UAE market for dump trucks, owing to an increase in urban development projects, such as Dubai Creek Harbour, and the expansion of residential and commercial areas across Abu Dhabi. The growing requirement for efficient transportation of construction materials drives the demand for dump trucks in the construction sector more significantly in the forecast period. In addition, companies in the market are significantly investing in enhancing the functioning of dump trucks, powering them with advanced safety features, designing them to navigate challenging terrains, and extending their lifespan, accelerating the demand for dump trucks in the construction sector. Furthermore, in 2022, major developers in Dubai and Abu Dhabi introduced new construction projects that were sold out almost immediately, increasing

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the import of dump trucks in the UAE.

For instance, According to JLL, the UAE projects market remains strong, valued at USD 590 billion as of Q1 2024, representing 15% of the USD 3.9 trillion of MENA. Residential projects account for USD 125 billion (21%) and mixed-use projects for USD 232 billion (39%). In 2023, awarded projects surged to USD 87 billion, up from USD 31 billion in 2022, reflecting economic diversification and investment progress.

30 Tons and Below Segment to Register the Largest Market Share

30 tons and below is expected to register the largest market share in the UAE dump truck market, owing to its significant usage in urban construction projects and infrastructure developments. The trucks in this segment are considerably suitable and efficient for transporting materials within city environments. In addition, in Abu Dhabi, there are several projects including the Dubai Creek Harbour expansion and several commercial and residential projects coupled with transportation and infrastructure development which significantly demand trucks with storage of 30 tons and below. In addition, companies in the market are working on improving the performance of 30 tons and below dump trucks to increase material movement per trip and optimize effectiveness and productivity on large projects.

For instance, Hyundai Heavy Industries Co., Ltd offers efficient and high-performance 30 tons and below dump trucks featuring tandem rear axle and independent front wheel suspension to provide perfect working in tough and rough ground conditions.

Future Market Scenario (2024 – 2031F)

□□The economic development and a significant increase in infrastructural development in UAE are propelling the UAE dump trucks market growth in the forecast period.

□□Heavy investments by private and government entities in mining industry and real estate industry are expected to drive the UAE dump truck demand in the forecast period.

□□The growing presence of key manufacturing firms, coupled with the growing infrastructural development of commercial and residential locations, are estimated to foster the growth of the UAE dump trucks market.

□□Growing mining activities owing to the higher requirement for energy and resources are fostering the demand for dump trucks in UAE.

Key Players Landscape and Outlook

Companies in the UAE dump truck market are significantly investing in different research and development activities to provide high-quality, durable machinery personalized to UAE infrastructure requirements. Companies are offering a series of products, including high-performance and specialized dump trucks designed for heavy-duty applications essential for continuous ongoing infrastructure projects. Companies in the market are efficiently adopting different strategies including joint ventures, new product development, collaboration, amalgamation, partnerships, and others to expand their market product portfolio and footprints.

Hyundai Motor Company has ensured a prominent position in the UAE dump truck market as it leverages advanced technology and innovative designs, integrating features including telematics practices for fleet monitoring.

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*Companies mentioned above DO NOT hold any order as per market share and can be changed as per information available during research work.

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