

Vertical Lift Module (VLM) Market by Delivery Type (Single-Level, Dual-Level), Storage Type (Non-Refrigerated, Refrigerated), Industry (Automotive, Metals & Machinery, Food & Beverages, Chemicals, Healthcare), and Region - Global Forecast to 2023

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Abstracts

“The vertical lift module (VLM) market is expected to witness significant growth between 2018 and 2023”

The VLM market is expected to grow from USD 1,074.6 million in 2018 and reach USD 1,679.6 million by 2023, at a CAGR of 9.3% between 2018 and 2023. Key factors driving the growth of the VLM market include growing need to optimize warehouse floor space, benefits of deploying VLMs compared to standard shelving systems, rising warehouse rentals, and increasing focus on worker safety and security. However, the availability of used VLMs in the market is a major restraining factor for the growth of the market.

“The VLM market for dual-level delivery is expected to grow at a higher CAGR during forecast period”

The market for dual-level delivery type VLMs is expected to grow at a higher CAGR between 2018 and 2023. Manufacturing companies in semiconductor and electronics, aviation, healthcare, and automotive industries seek for ready availability of various components during the assembly of a product. Hence, these manufacturers prefer using dual-level VLMs for increasing the storage density and accessing the components at one place with ease.

“Non-refrigerated storage is expected to hold a larger share of VLM market between

2018 and 2023”

Non-refrigerated storage is expected to account for a larger share of the VLM market during the forecast period. Goods including steel molds, nuts, bolts, spare parts, components, and tools are not susceptible to changes in the temperature. These products can be stored at normal temperature conditions without the use of additional integrated equipment for temperature maintenance. Hence, non-refrigerated VLM systems are prominently used in many sectors for increasing productivity, reducing error rates, handling materials efficiently, increasing picking rate, and optimizing warehouse floor space.

“The VLM market in APAC is expected to grow at the highest CAGR during the forecast period”

The VLM market in APAC is expected to grow at the highest CAGR between 2018 and 2023. Key factors such as growing automotive, and semiconductor and electronics industries; shortage of warehousing space; and huge growth potential for automated material handling systems contribute to the growth of the VLM market in APAC.

The break-up of the profiles of primary participants for the report has been given below.

By Company Type: Tier 1 – 50%, Tier 2 – 30%, and Tier 3 – 20%

By Designation: C-Level Executives – 55%, Directors – 25%, and Others – 20%

By Region: North America – 30%, Europe – 40%, Asia Pacific – 25%, and RoW – 5%

Key players operating in the VLM market include Kardex (Switzerland), Haenel (Germany), System Spa (Italy), Ferretto (Italy), ICAM S.r.l. (Italy), Toyota Industries (Japan), AutoCrib (US), Automha (Italy), Constructor Group (Norway), Conveyor Handling Company (US), Green Automated Solutions (US), Lista (Switzerland), Mecalux (Spain), Stanley Vidmar (US), and Weland Lagersystem AB (Sweden).

Research Coverage:

The research report on the VLM market analyzes and forecasts the market based on delivery type, storage type, industry, and geography. Based on delivery type, the market

has been segmented into single-level delivery and dual-level delivery. On the basis of storage type, the VLM market has been classified into non-refrigerated storage and refrigerated storage. Based on industry, the market has been segmented into automotive, metals and machinery, food and beverages, chemicals, healthcare, semiconductor and electronics, aviation, e-commerce, and other industries. Based on region, the market has been classified into 4 major regions, namely, North America, Europe, Asia Pacific (APAC), and Rest of the World (RoW).

Key Benefits of Buying the Report:

Illustrative segmentation, analysis, and forecast of the market based on delivery type, storage type, industry, and region have been conducted to offer an overall view of the VLM market.

The value chain analysis has been performed to provide an in-depth insight into the VLM market.

The report provides a detailed overview of major drivers, restraints, opportunities, and challenges influencing the growth of the VLM market.

The report also includes competitive landscape, along with in-depth analysis and revenue of key players.

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About

According to the new market research report "Vertical Lift Module (VLM) Market by Delivery Type (Single-Level, Dual-Level), Storage Type (Non-Refrigerated, Refrigerated), Industry (Automotive, Metals & Machinery, Food & Beverages, Chemicals, Healthcare), and Region - Global Forecast to 2023", the VLM market is expected to grow from USD 1,074.6 Million in 2018 to reach USD 1,679.6 Million by 2023, at a CAGR of 9.3% between 2018 and 2023. Key factors such as growing need to optimize warehouse floor space, benefits of deploying VLMs compared to standard shelving systems, rising warehouse rentals, and increasing focus on worker safety and security are driving the growth of VLM market.

The major players in the VLM market are

Kardex (Switzerland)

Haenel (Germany)

System Spa (Italy)

Ferretto (Italy)

ICAM S.r.l. (Italy)

VLM include Kardex (Switzerland)

Toyota Industries (Japan)

AutoCrib (US)

Automha (Italy)

Constructor Group (Norway)

Conveyor Handling Company (US)

Green Automated Solutions (US)

Lista (Switzerland)

Mecalux (Spain)

Stanley Vidmar (US)

Weland Lagersystem AB (Sweden)

Single-level delivery to hold largest share of VLM market between 2018 and 2023

Single-level delivery type VLMs are ideal when the machine is in moderate use or when the picking time is quick. The automotive industry held the largest size of the single-level delivery VLM market. Factors such as increasing automobile sales and rising demand for automotive spare parts are driving the demand for the single-level delivery VLMs in the automotive industry.

Non-refrigerated VLMs to hold largest share of VLM market between 2018 and 2023

Industries such as automotive, aviation, and metals and heavy machinery require huge storage space for large and heavy items. These industries also demand automated systems for efficient handling and storage of material. The non-refrigerated VLMs are highly preferred in these industries as they do not require a temperature-controlled environment to store and retrieve their raw materials. The non-refrigerated VLMs help increase the productivity, reduce error rates, handle materials efficiently, increase picking rate, and save warehouse floor space.

Europe held largest share of VLM market in 2017

Countries such as Germany, the UK, France, Spain, and Sweden contribute significantly to the growth of the VLM market in Europe. Factors such as an established automotive, and metals and heavy machinery industries; lack of warehousing space; and high labor costs are driving the demand for VLMs in Germany. Further, Spain has emerged as an attractive destination for logistics and warehousing operations due to the shortage of space for warehousing facilities in major developed countries, including the UK, Germany, and France. Sweden also poses tremendous growth potential for the VLM market. The country has a developed infrastructure for efficient business operations. Sweden houses centralized distribution centers of various leading North

European companies. Adidas, Canon, Honda, Nike, Nestle, and Dell, among others, are some of the companies having their distribution centers in Sweden.

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