

# **U.S. Aerial Work Platform Market Size, Share & Trends Analysis Report By Propulsion Type (ICE, Electric), By Product (Boom, Scissor), By Application (Construction, Utilities), By Lifting Height, And Segment Forecasts, 2023 - 2030**

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## **Abstracts**

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### **U.S. Aerial Work Platform Market Growth & Trends**

The U.S. aerial work platform market size is expected to reach USD 9.18 billion by 2030, growing at a CAGR of 6.0% from 2023 to 2030, according to a new report by Grand View Research, Inc. Increasing demand from the construction and agriculture industry for aerial work platforms (AWP) owing to their benefits, such as easy access to elevated work sites and the ability to perform efficiently on even and uneven ground, is an important factor expected to drive the growth of the market. Likewise, mining companies are heavily deploying scissor lift at work sites as they provide maximum reach capabilities. Thus, the wide applicability of aerial work platforms at mining locations to access tunnels, shafts, and other hard-to-reach spaces is another factor expected to support the market growth from the mining industry.

The increasing establishment of new warehouses, modern large supermarkets, and distribution centers and their approach towards multi-layer stacking and storage of goods is generating demand for lift machines that are compact and perform high-level lifting operations. Deployment of aerial work platforms in warehouses aids workers in accessing high shelves and stacking pallets safely and quickly. These lift machines help streamline the process of inventory management and picking operations, ultimately increasing operational efficiency. Thus, increasing demand from warehouses and

supermarkets for mast and gantry self-propelled aerial work platforms is expected to drive the growth of the U.S. aerial work platform industry.

Additionally, aerial work platforms provide workers from the telecommunication industry safe and easy access to elevated infrastructure, allowing them to efficiently inspect and conduct routine maintenance. Also, these platforms help install new equipment and repair the damaged ones resulting in minimizing downtime and ensuring uninterrupted services. Thus, the high adoption of aerial work platforms from the telecommunication sector for installation, maintenance, and repair of communication lines, power cables, and utility poles is another factor responsible for the growth of the aerial work platform industry in the U.S.

### U.S. Aerial Work Platform Market Report Highlights

Based on product, the scissor lifts segment accounted for over 46.0% of the U.S. revenue share in 2022 and is anticipated to register the highest CAGR over the forecast period. The growth of the segment can be credited to the outstanding operational efficiency of scissor lifts, owing to their compact design and capability to perform rapid loading tasks

Based on propulsion type, the electric segment is expected to register the highest CAGR over the forecast period. Electric aerial lifts are in demand due to their zero emissions and impressive capacity. These specially designed lifts are compact, making them ideal for warehouse tasks that require maneuvering through tight aisles and limited spaces

The less than 20 ft segment is expected to grow at a significant CAGR over the forecast period. Compact and versatile lifting solutions are increasingly in demand in industries such as construction, maintenance, and warehousing. These adaptable machines with reduced lifting heights find extensive application and are well-suited for tasks that involve limited vertical reach

Amongst the applications, the construction sector accounted for the largest market share of nearly 57.0% in 2022 and is expected to register the highest CAGR over the forecast period. Construction sites necessitate workers to perform tasks at elevated heights and frequently encounter rugged landscapes

Moreover, the utility sector is projected to grow at a significant CAGR over the forecast period. The increasing need for maintenance, repair, and construction

activities in power and telecommunications infrastructure serves as a major catalyst. To meet this demand, there is a pressing requirement for efficient and secure access to elevated work areas

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