

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

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Research Methodology
- 1.2. Information Procurement
 - 1.2.1. Purchased database.
 - 1.2.2. GVR's internal database
 - 1.2.3. Secondary sources & third - party perspectives
 - 1.2.4. Primary research
- 1.3. Information Analysis
 - 1.3.1. Data Analysis Models
- 1.4. Market Formulation & Data Visualization
- 1.5. Data Validation & Publishing

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. U.S. Aerial Work Platform Market Snapshot, 2022 & 2030
- 2.2. Product Segment Snapshot, 2022 & 2030
- 2.3. Propulsion Type Segment Snapshot, 2022 & 2030
- 2.4. Lifting Height Segment Snapshot, 2022 & 2030
- 2.5. Application Segment Snapshot, 2022 & 2030
- 2.6. Competitive Landscape Snapshot, 2022 & 2030

CHAPTER 3. U.S. AERIAL WORK PLATFORM MARKET VARIABLES, TRENDS & SCOPE

- 3.1. Market Lineage Outlook
- 3.2. U.S. Aerial Work Platform Market - Value Chain Analysis
- 3.3. U.S. Aerial Work Platform Market - Market Dynamics
 - 3.3.1. Market Driver Analysis
 - 3.3.2. Market Restraint Analysis
 - 3.3.3. Market Opportunity Analysis
- 3.4. Industry Analysis Tools
 - 3.4.1. U.S. Aerial Work Platform Market - Porter's Analysis
 - 3.4.2. U.S. Aerial Work Platform Market - PESTEL Analysis

CHAPTER 4. U.S. AERIAL WORK PLATFORM MARKET PRODUCT OUTLOOK

4.1. U.S. Aerial Work Platform Market Share by Product, 2022 & 2030 (USD Million, Volume Units)

4.2. Boom Lifts

4.2.1. Market Estimates and Forecast, 2018 - 2030 (USD Million, Volume Units)

4.3. Scissor Lifts

4.3.1. Market Estimates and Forecast, 2018 - 2030 (USD Million, Volume Units)

4.4. Vertical Lifts

4.4.1. Market Estimates and Forecast, 2018 - 2030 (USD Million, Volume Units)

CHAPTER 5. U.S. AERIAL WORK PLATFORM MARKET PROPULSION TYPE OUTLOOK

5.1. U.S. Aerial Work Platform Market Share by Propulsion Type, 2022 & 2030 (USD Million)

5.2. ICE

5.2.1. Market Estimates and Forecast, 2018 - 2030 (USD Million)

5.3. Electric

5.3.1. Market Estimates and Forecast, 2018 - 2030 (USD Million)

CHAPTER 6. U.S. AERIAL WORK PLATFORM MARKET LIFTING HEIGHT OUTLOOK

6.1. U.S. Aerial Work Platform Market Share by Lifting Height, 2022 & 2030 (USD Million)

6.2. Less than 20 ft

6.2.1. Market Estimates and Forecast, 2018 - 2030 (USD Million)

6.3. 21-50 ft

6.3.1. Market Estimates and Forecast, 2018 - 2030 (USD Million)

6.4. More than 51 ft

6.4.1. Market Estimates and Forecast, 2018 - 2030 (USD Million)

CHAPTER 7. U.S. AERIAL WORK PLATFORM MARKET APPLICATION OUTLOOK

7.1. U.S. Aerial Work Platform Market Share by Application, 2022 & 2030 (USD Million)

7.2. Construction

7.2.1. Market Estimates and Forecast, 2018 - 2030 (USD Million)

7.3. Utilities

7.3.1. Market Estimates and Forecast, 2018 - 2030 (USD Million)

7.4. Logistics & Transportation

- 7.4.1. Market Estimates and Forecast, 2018 - 2030 (USD Million)
- 7.5. Others
 - 7.5.1. Market Estimates and Forecast, 2018 - 2030 (USD Million)

CHAPTER 8. COMPETITIVE LANDSCAPE

- 8.1. Company Categorization
- 8.2. Company Market Ranking/Share Analysis, 2022
- 8.3. Company Heat Map Analysis
- 8.4. Strategy Mapping
- 8.5. Company Profiles (Overview, Financial Performance, Product Overview, Strategic Initiatives)
 - 8.5.1. AICHI CORPORATION
 - 8.5.2. Advance Lifts, Inc.
 - 8.5.3. Altec Industries
 - 8.5.4. Bronto Skylift
 - 8.5.5. DINOLIFT OY
 - 8.5.6. EdmoLift AB
 - 8.5.7. HAULOTTE GROUP
 - 8.5.8. JLG Industries
 - 8.5.9. Linamar Corporation
 - 8.5.10. MEC
 - 8.5.11. RUNSHARE Heavy Industry Company, Ltd
 - 8.5.12. Tadano Ltd.
 - 8.5.13. Terex Corporation
 - 8.5.14. WIESE USA
 - 8.5.15. Zhejiang Dingli Machinery Co., Ltd. (DINGLI)

List Of Tables

LIST OF TABLES

Table 1 U.S. Aerial work platform market - Industry snapshot & key buying criteria, 2018 - 2030

Table 2 U.S. aerial work platform market, 2018 - 2030 (USD Million)

Table 3 U.S. aerial work platform market, 2018 - 2030 (Volume Units)

Table 4 U.S. aerial work platform market, by region, 2018 - 2030 (USD Million)

Table 5 U.S. aerial work platform market, by product, 2018 - 2030 (USD Million)

Table 6 U.S. aerial work platform market, by product, 2018 - 2030 (Volume Units)

Table 7 U.S. aerial work platform market, by propulsion type, 2018 - 2030 (USD Million)

Table 8 U.S. aerial work platform market, by lifting height, 2018 - 2030 (USD Million)

Table 9 U.S. aerial work platform market, by application, 2018 - 2030 (USD Million)

Table 10 Vendor landscape

Table 11 Boom Lifts U.S. aerial work platform market, 2018 - 2030 (USD Million)

Table 12 Boom Lifts U.S. aerial work platform market, by region, 2018 - 2030 (USD Million)

Table 13 Boom Lifts U.S. aerial work platform market, by region, 2018 - 2030 (Volume Units)

Table 14 Scissor Lifts U.S. aerial work platform market, 2018 - 2030 (USD Million)

Table 15 Scissor Lifts U.S. aerial work platform market, by region, 2018 - 2030 (USD Million)

Table 16 Scissor Lifts U.S. aerial work platform market, by region, 2018 - 2030 (Volume Units)

Table 17 Vertical Lifts U.S. aerial work platform market, 2018 - 2030 (USD Million)

Table 18 Vertical Lifts U.S. aerial work platform market, by region, 2018 - 2030 (USD Million)

Table 19 Vertical Lifts U.S. aerial work platform market, by region, 2018 - 2030 (Volume Units)

Table 20 ICE U.S. aerial work platform market, 2018 - 2030 (USD Million)

Table 21 ICE U.S. aerial work platform market, by region, 2018 - 2030 (USD Million)

Table 22 Electric U.S. aerial work platform market, 2018 - 2030 (USD Million)

Table 23 Electric U.S. aerial work platform market, by region, 2018 - 2030 (USD Million)

Table 24 Less than 20 ft U.S. aerial work platform market, 2018 - 2030 (USD Million)

Table 25 Less than 20 ft U.S. aerial work platform market, by region, 2018 - 2030 (USD Million)

Table 26 21-50 ft U.S. aerial work platform services market, 2018 - 2030 (USD Million)

Table 27 21-50 ft U.S. aerial work platform services market, by region, 2018 - 2030 (USD Million)

Table 28 More than 51 ft U.S. aerial work platform market, 2018 - 2030 (USD Million)

Table 29 More than 51 ft U.S. aerial work platform market, by region, 2018 - 2030 (USD Million)

Table 30 Construction U.S. aerial work platform market, 2018 - 2030 (USD Million)

Table 31 Construction U.S. aerial work platform market, by region, 2018 - 2030 (USD Million)

Table 32 Utilities U.S. aerial work platform market, 2018 - 2030 (USD Million)

Table 33 Utilities U.S. aerial work platform market, by region, 2018 - 2030 (USD Million)

Table 34 Logistics & Transportation U.S. aerial work platform market, 2018 - 2030 (USD Million)

Table 35 Logistics & Transportation U.S. aerial work platform market, by region, 2018 - 2030 (USD Million)

Table 36 Others U.S. aerial work platform services market, 2018 - 2030 (USD Million)

Table 37 Others U.S. aerial work platform services market, by region, 2018 - 2030 (USD Million)

List Of Figures

LIST OF FIGURES

- Fig. 1 Market segmentation and scope
- Fig. 2 U.S. Aerial work platform market, 2018 - 2030 (USD Million)
- Fig. 3 U.S. Aerial work platform market - Value chain analysis
- Fig. 4 U.S. Aerial work platform market - Market dynamics
- Fig. 5 U.S. Aerial work platform market - Key market driver impact
- Fig. 6 U.S. Aerial work platform market - Key market restraint impact
- Fig. 7 U.S. Aerial work platform market - Key opportunities prioritized.
- Fig. 8 U.S. Aerial work platform market - Porter's five forces analysis
- Fig. 9 U.S. Aerial work platform market - PESTEL analysis
- Fig. 10 U.S. Aerial work platform market, by product, 2022
- Fig. 11 U.S. Aerial work platform market, by propulsion type, 2022
- Fig. 12 U.S. Aerial work platform market, by lifting height, 2022
- Fig. 13 U.S. Aerial work platform market, by application, 2022

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