

America Airport Ground Handling Systems - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2024 - 2029)

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Report description:

The America Airport Ground Handling Systems Market size is estimated at USD 1.66 billion in 2024, and is expected to reach USD 3.21 billion by 2029, growing at a CAGR of 14.20% during the forecast period (2024-2029).

In the region, the growth in the demand for air travel and aerial connectivity has driven the airlines to introduce new routes and increase flight movements to cater to its growing demand. For instance, in 2022 the air passenger traffic in the Americas recorded approximately 1.37 billion, this was a growth of 6% compared to 2021, and compared to 2020 the growth was at 183% respectively. Additionally, new airport constructions and expansions are also propelling the demand for efficient ground-handling systems in America. Projects such as the John F. Kennedy International Airport new terminal one redevelopment, Reno-Tahoe International Airport expansion, Los Angeles International Airport, etc. are expected to generate a high demand for ground support equipment in the region. Furthermore, owing to the stringent emission norms and regulations, demand for electric ground handling systems is on the rise. Airports in the region are rapidly adopting equipment such as electric tugs, and electric tractors and this factor is significantly driving the market growth for airport ground handling systems.

America Airport Ground Handling Systems Market Trends

Aircraft Handling Systems Segment to Exhibit Significant Growth in the Coming Years

The aircraft handling systems include refuelers, tugs and tractors, lavatory service vehicles, deicers, ground power units, pre-conditioned air units, fuel trucks, and other ground handling systems in airports. The demand for aircraft handling systems is driven by the increasing aircraft movements in various major airports, such as Hartsfield-Jackson Atlanta International Airport, O'Hare International Airport Dallas/Fort Worth International Airport, Denver International Airport, and Harry Reid International

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Airport. In addition, the rising air passenger traffic in the Americas is also acting as a significant driver for this segment's growth. For instance, in 2022 in North America, there were 4.4 million aircraft movements in various major airports. This 4.4 million was a growth of 12% compared to 2021.

Additionally, the US Federal Aviation Administration (FAA) has allocated a budget to various airports in the United States for the procurement of ground power units (GPUs), pre-conditioned air (PCA) units, and de-icing equipment. For instance, for FY-2023 under the Voluntary Airport Low Emissions Program, the FAA has allocated USD 13 million for the procurement of 57 PCAs and 61 GPUs across various gates of Boise, Detroit Metropolitan Wayne County, Philadelphia International, Reno-Tahoe International, and William P Hobby airports in North America.

Furthermore, the current trend of using GSE with low emissions rates and creating green airports has been gaining popularity over the years. For instance, in December 2022 Los Angeles World Airports took delivery of its first Class 8 heavy-duty electric vehicle, a Nikola Tre battery-electric vehicle (BEV). The battery-electric vehicle (BEV) will be used to move paving equipment, transport construction materials and pull heavy equipment at the airport's worksites. Such development of new equipment, as well as investments into procurement of aircraft handling equipment, is anticipated to propel the growth of the market during the forecast period.

The United States to Exhibit the Highest Growth Rate During the Forecast Period

The United States is witnessing a rise in air passenger travel and the country is investing heavily in the development and implementation of digitalized technologies for baggage, cargo and passenger handling. For instance, in 2022, the number of air passengers travelling to or from the US was close to 1.04 billion, a huge leap from nearly 889 million passengers in 2017. Additionally, the main focus of airports in the region is to reduce the operational lead time and facility expansion. On this note, in July 2022 John F. Kennedy International Airport started the development of New Terminal One with an investment of USD 95 billion. The project aims to redevelop the airport, with the creation of unified terminal buildings that would allow easier passenger movements with flight connections and improve transport links. Furthermore, the various airlines and airports are moving to achieve the goal of net zero emission by reducing the Co2 emissions in the airports. In September 2023 United Airlines added two electric tugs to their fleet at Los Angeles International Airport, thus making it the first and only airport to have them in use currently. Overall, the aforementioned developments, factors, and instances in the region are driving the market growth for airport ground handling systems in the country.

America Airport Ground Handling Systems Industry Overview

The airport ground handling systems market in the American region is fragmented due to presence of several players. Some of the prominent players in the market are John Bean Technologies Corporation, TUG TECHNOLOGIES CORPORATION (Textron Inc.), BEUMER Group A/S, Mototok International GmbH, and Cavotec SA. The market for ground handling systems in the region is expected to exhibit a good growth rate during the forecast period owing to the aviation infrastructure development, and technological enhancement. The development of eco-friendly products by the companies will allow them to capture a higher market share owing to trends in green airports.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

Table of Contents:

1 INTRODUCTION

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1.1 Study Assumptions

1.2 Scope of the Study

2 RESEARCH METHODOLOGY

3 EXECUTIVE SUMMARY

4 MARKET DYNAMICS

4.1 Market Overview

4.2 Market Drivers

4.3 Market Restraints

4.4 Porter's Five Forces Analysis

4.4.1 Threat of New Entrants

4.4.2 Bargaining Power of Buyers/Consumers

4.4.3 Bargaining Power of Suppliers

4.4.4 Threat of Substitute Products

4.4.5 Intensity of Competitive Rivalry

5 MARKET SEGMENTATION

5.1 Type

5.1.1 Aircraft Handling

5.1.2 Passenger Handling

5.1.3 Cargo and Baggage Handling

5.2 Power Source

5.2.1 Non-electric

5.2.2 Electric

5.3 Geography

5.3.1 United States

5.3.2 Canada

5.3.3 Brazil

5.3.4 Chile

5.3.5 Colombia

5.3.6 Rest of America

6 COMPETITIVE LANDSCAPE

6.1 Company Profiles

6.1.1 TUG TECHNOLOGIES CORPORATION (Textron Inc.)

6.1.2 Tronair, Inc.

6.1.3 John Bean Technologies Corporation

6.1.4 Cavotec SA

6.1.5 BEUMER Group A/S

6.1.6 Mototok International GmbH

6.1.7 ITW Inc.

6.1.8 Alvest (USA) Inc. (ALVEST Group)

6.1.9 Aviapartner Holding NV

6.1.10 AERO Specialties, Inc.

6.1.11 ADELTE GROUP S.L.

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6.1.12 Rucker Equipamentos Industriais Ltda

7 MARKET OPPORTUNITIES AND FUTURE TRENDS

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