

Asia-Pacific Agriculture Autonomous Robots Market: Focus on Product, Application, and Country - Analysis and Forecast, 2023-2028

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Abstracts

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Introduction to Asia-Pacific Agriculture Autonomous Robots Market

The Asia-Pacific agriculture autonomous robots market (excluding China) was valued at \$121.2 million in 2023, and it is expected to grow with a CAGR of 23.45% during the forecast period to reach \$347.6 million by 2028. The expected growth of the agriculture autonomous robots market is propelled by the growing demand for agricultural practices that are both efficient and sustainable.

Market Introduction

The Asia-Pacific (APAC) Agriculture Autonomous Robots market is poised for significant growth fueled by the region's evolving agricultural landscape and the increasing adoption of advanced technologies. With the APAC region being home to a large and diverse agricultural sector, there's a growing need to enhance productivity, efficiency, and sustainability. Autonomous robots offer solutions to address these challenges by automating various tasks such as planting, monitoring, harvesting, and spraying pesticides. Additionally, factors such as labor shortages, rising labor costs, and the need for precision agriculture further drive the demand for autonomous robots in APAC. Countries like China, Japan, India, and Australia are witnessing a surge in the adoption of agriculture autonomous robots, supported by government initiatives,

technological advancements, and a growing awareness of the benefits of automation in agriculture. As the region continues to modernize its farming practices, the APAC Agriculture Autonomous Robots market is expected to experience robust growth and innovation.

Market Segmentation:

Segmentation 1: by Application

Crop Monitoring

Livestock Monitoring and Management

Harvesting and Picking

Weeding

Others

Segmentation 2: by Product

Crop Harvesting and Picking Robot

Weeding Robot

Milking Robot

Crop and Livestock Monitoring Robot

Others

Segmentation 3: by Country

Japan

South Korea

Australia

Rest-of-Asia-Pacific

How can this report add value to an organization?

Product/Innovation Strategy: The product segment helps the reader understand the different technologies used for agriculture autonomous robots and their potential. Moreover, the study gives the reader a detailed understanding of the different solutions provided by the agriculture autonomous robot equipment providers, such as imaging, AI, and analyzing. Compared to conventional agricultural methods, the agriculture autonomous robots market enables more exact targeting of planting, weeding, and harvesting, allowing farmers to save money by maximizing the use of their inputs.

Growth/Marketing Strategy: The agriculture autonomous robots market has seen major development by key players operating in the market, such as business expansion, partnership, collaboration, and joint venture. The favored strategy for the companies has been partnership, collaboration, and joint venture activities to strengthen their position in the Asia-Pacific agriculture autonomous robots market.

Competitive Strategy: Key players in the Asia-Pacific agriculture autonomous robots market analyzed and profiled in the study, including their market segments covered by distinct products, applications served, and regional presence, as well as the influence of important market tactics. Moreover, a detailed competitive benchmarking of the players operating in the Asia-Pacific agriculture autonomous robots market has been done to help the reader understand how players stack against each other, presenting a clear market landscape. Additionally, comprehensive competitive strategies such as partnerships, agreements, and collaborations will aid the reader in understanding the untapped revenue pockets in the market.

Contents

Scope of the Study
Executive Summary

1 MARKETS

- 1.1 Industry Outlook
 - 1.1.1 Ongoing Trends
 - 1.1.1.1 Emerging Climate Smart Agriculture Practices
 - 1.1.1.2 Emerging Sustainable Solution: Agrivoltaics
 - 1.1.2 Ecosystem/Ongoing Programs
 - 1.1.2.1 Consortiums and Associations
 - 1.1.2.2 Government Initiatives and Their Impacts
- 1.2 Business Dynamics
 - 1.2.1 Business Drivers
 - 1.2.1.1 Need for Organic Food Production
 - 1.2.1.2 Agriculture Labor Shortage
 - 1.2.2 Business Challenges
 - 1.2.2.1 High Initial Investment and Cost
 - 1.2.2.2 Less Adoption among Small-Scale Farmers
 - 1.2.3 Market Strategies and Developments
 - 1.2.3.1 Business Strategies
 - 1.2.3.1.1 Product Development and Innovations
 - 1.2.3.1.2 Market Development
 - 1.2.3.2 Corporate Strategies
 - 1.2.3.2.1 Mergers and Acquisitions
 - 1.2.3.2.2 Partnerships, Collaborations, Joint Ventures, and Alliances
 - 1.2.3.2.3 Others
 - 1.2.4 Business Opportunities
 - 1.2.4.1 Rise of Small Farm Robots
 - 1.2.4.2 Focus on Innovative Solutions
 - 1.2.5 Case Studies
- 1.3 Funding and Investment Landscape
 - 1.3.1 Funding Analysis (by Year)
 - 1.3.2 Funding Analysis (by Company)
 - 1.3.3 Funding Analysis (by Country)

2 REGIONS

2.1 China

2.2 Asia-Pacific

2.2.1 South Korea

2.2.2 Australia

2.2.3 Japan

2.2.4 Rest-of Asia-Pacific

3 MARKETS - COMPETITIVE BENCHMARKING & COMPANY PROFILES

3.1 Competitive Benchmarking

3.1.1 Competitive Position Matrix

3.1.2 Market Share Analysis

3.2 Company Profiles

3.2.1 XMACHINES

3.2.1.1 Company Overview

3.2.1.2 Product and Customer Portfolio Analysis

4 RESEARCH METHODOLOGY

4.1 Data Sources

4.1.1 Primary Data Sources

4.1.2 Secondary Data Sources

4.2 Market Estimation and Forecast

4.2.1 Factors for Data Prediction and Modeling

List Of Figures

LIST OF FIGURES

- Figure 1: Factors Driving the Need for Agriculture Autonomous Robots Market
- Figure 2: Asia-Pacific Agriculture Autonomous Robots Market, \$Billion, 2022-2028
- Figure 3: Market Dynamics of the Asia-Pacific Agriculture Autonomous Robots Market
- Figure 4: Asia-Pacific Agriculture Autonomous Robots Market (by Application), \$Billion, 2022-2028
- Figure 5: Asia-Pacific Agriculture Autonomous Robots Market (by Product), \$Billion, 2022-2028
- Figure 6: Agriculture Autonomous Robots Market (by Region), \$Billion, 2022
- Figure 7: Asia-Pacific Sales Value of Organic Food Production, \$Billion, 2017-2021
- Figure 8: Agriculture Workforce Trend in the U.S, 1950-2050
- Figure 9: Percentage Share of Individuals Using Internet in Urban and Rural Areas, 2019-2022
- Figure 10: Share of Key Market Strategies and Developments, January 2019-September 2023
- Figure 11: Share of Product Development and Innovations (by Company), January 2019-September 2023
- Figure 12: Share of Market Development (by Company), January 2019-September 2023
- Figure 13: Share of Mergers and Acquisitions (by Company), January 2019- September 2023
- Figure 14: BouMatic - Case Study
- Figure 15: Tevel
- Figure 16: Investment and Funding Landscape (by Year), \$Million, January 2019-September 2023
- Figure 17: Investment and Funding Landscape (by Company), Share (%), 2019-September 2023
- Figure 18: Investment and Funding Landscape (by Country), Share (%), 2019-September 2023
- Figure 19: Competitive Benchmarking Matrix for Key Agriculture Autonomous Robot Providers
- Figure 20: Market Share Analysis of Agriculture Autonomous Robots Market, 2022
- Figure 21: XMACHINES: Product and Customer Portfolio Analysis
- Figure 22: Data Triangulation
- Figure 23: Top-Down and Bottom-Up Approach
- Figure 24: Assumptions and Limitations

List Of Tables

LIST OF TABLES

Table 1: Key Consortiums and Associations in the Agriculture Autonomous Robots Market

Table 2: Description and Impact of Government Initiative

Table 3: LIST OF Key Companies Providing Small Robots

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