

Milking Robots Market By System (Single-Stall Milking System, Multi-stall Milking System, Rotary Milking System), By Offering (Software, Hardware, Services), By Herd Size (Less than 100, Between 100 to 1,000, More than 1,000): Global Opportunity Analysis and Industry Forecast, 2022-2031

Market Report | 2023-03-01 | 280 pages | Allied Market Research

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Report description:

The global milking robots market is envisioned to garner \$7.0 billion by 2031, growing from \$1.7 billion in 2021 at a CAGR of 15.3% from 2022 to 2031.

The use of milking robots' systems was primarily a reaction to increasing labor costs on farms in many dairy-producing nations. They were intended to take the place of the manual labor requirements incurred during the set milking times, freeing up the farmer's time for other activities. Robots milking systems can free up labor, do not require management, improve life quality due to the decreased labor demands, offer greater time flexibility, and eliminate four to five hours of labor per day. The robot milkers can do more than just milk the cows; they can also gather important statistics and information, such as the amount of milk produced by each cow.

The dairy farmers' ability to handle minor repairs, the cost of replacing some components after their warranties have expired, including the hydraulic arms that move in and out from under cows and the lasers that find the cows' teats, are a few market restraints. Cleaning and inspecting the teats and attaching the milking equipment (milking cups) to the teats were the manual labor tasks required during the milking process. Because these tasks are complex and require accurate detection, they have been successfully automated in the voluntary milking system (VMS) or the automatic milking system (AMS).

The significant expansion of the dairy industry, as well as the growing demand for effective AMS solutions over traditional milking techniques to optimize milk production at lower labor costs, are primarily driving market growth. This is further influenced by the increasing demand for dairy products such as milk, curd, and butter due to their numerous health benefits and nutritional compositions. The market is growing as a result of the increasing demand from the food and beverage industries as well as the growing number of dairy businesses. The use of robots for operational reasons is being encouraged by this, along with rising

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demand for high-quality and quantity milk and the high cost of labor, which is in turn stimulating market growth. The rate at which robots and automation are used in agricultural contexts has accelerated due to the COVID-19 pandemic. Production of components was drastically reduced during the coronavirus disaster to stop the infection from spreading. However, due to a number of issues, including supply chain disruptions and labor shortages, farm owners are recognizing that automation may be the solution to some of the problems that may develop in the event of future disruptions. Although it is expected that the COVID-19 restriction will lead to a 70% decrease in migrant seasonal workers, the level of uncertainty is growing. The key players profiled in this report include Afimilk Ltd., BouMatic Robotics, Dairymaster, DeLaval (Tetra Laval), Fullwood Ltd., GEA Group AG, Lely Industries N.V., Read Industrial Ltd., System Happel, and Waikato Milking Systems NZ LP.

Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the milking robots market analysis from 2021 to 2031 to identify the prevailing milking robots market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the milking robots market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global milking robots market trends, key players, market segments, application areas, and market growth strategies.

Key Market Segments

By Herd Size

- Less than 100
- Between 100 to 1,000
- More than 1,000

By System

- Multi-stall Milking System
- Rotary Milking System
- Single-Stall Milking System

By Offering

- Software
- Hardware
- Services

By Region

- North America
 - U.S.
 - Canada
 - Mexico
- Europe
 - Germany
 - UK
 - France
 - Netherlands
 - Italy
 - Rest of Europe
- Asia-Pacific
 - China

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- Japan
- India
- South Korea
- Australia
- Rest of Asia-Pacific
- LAMEA
- Brazil
- UAE
- Saudi Arabia
- South Africa
- Rest of LAMEA
- Key Market Players
- Lely
- DeLaval
- GEA Group Aktiengesellschaft
- □Hokofarm Group
- Fullwood Packo
- Milkomax Solutions laitieres
- BouMatic
- AktivPuls GmbH
- □Waikato Milking Systems NZ LP.
- DAIRYMASTER

Table of Contents:

CHAPTER 1: INTRODUCTION

- 1.1. Report description
- 1.2. Key market segments
- 1.3. Key benefits to the stakeholders
- 1.4. Research Methodology
 - 1.4.1. Primary research
 - 1.4.2. Secondary research
 - 1.4.3. Analyst tools and models

CHAPTER 2: EXECUTIVE SUMMARY

- 2.1. CXO Perspective

CHAPTER 3: MARKET OVERVIEW

- 3.1. Market definition and scope
- 3.2. Key findings
 - 3.2.1. Top impacting factors
 - 3.2.2. Top investment pockets
- 3.3. Porter's five forces analysis
- 3.4. Market dynamics
 - 3.4.1. Drivers
 - 3.4.2. Restraints
 - 3.4.3. Opportunities
- 3.5. COVID-19 Impact Analysis on the market
- 3.6. Average Selling Price
- 3.7. Brand Share Analysis

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3.8. Key Regulation Analysis

3.9. Market Share Analysis

3.10. Patent Landscape

3.11. Regulatory Guidelines

3.12. Value Chain Analysis

CHAPTER 4: MILKING ROBOTS MARKET, BY SYSTEM

4.1. Overview

4.1.1. Market size and forecast

4.2. Single-Stall Milking System

4.2.1. Key market trends, growth factors and opportunities

4.2.2. Market size and forecast, by region

4.2.3. Market share analysis by country

4.3. Multi-stall Milking System

4.3.1. Key market trends, growth factors and opportunities

4.3.2. Market size and forecast, by region

4.3.3. Market share analysis by country

4.4. Rotary Milking System

4.4.1. Key market trends, growth factors and opportunities

4.4.2. Market size and forecast, by region

4.4.3. Market share analysis by country

CHAPTER 5: MILKING ROBOTS MARKET, BY OFFERING

5.1. Overview

5.1.1. Market size and forecast

5.2. Software

5.2.1. Key market trends, growth factors and opportunities

5.2.2. Market size and forecast, by region

5.2.3. Market share analysis by country

5.3. Hardware

5.3.1. Key market trends, growth factors and opportunities

5.3.2. Market size and forecast, by region

5.3.3. Market share analysis by country

5.4. Services

5.4.1. Key market trends, growth factors and opportunities

5.4.2. Market size and forecast, by region

5.4.3. Market share analysis by country

CHAPTER 6: MILKING ROBOTS MARKET, BY HERD SIZE

6.1. Overview

6.1.1. Market size and forecast

6.2. Less than 100

6.2.1. Key market trends, growth factors and opportunities

6.2.2. Market size and forecast, by region

6.2.3. Market share analysis by country

6.3. Between 100 to 1,000

6.3.1. Key market trends, growth factors and opportunities

6.3.2. Market size and forecast, by region

6.3.3. Market share analysis by country

6.4. More than 1,000

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6.4.1. Key market trends, growth factors and opportunities

6.4.2. Market size and forecast, by region

6.4.3. Market share analysis by country

CHAPTER 7: MILKING ROBOTS MARKET, BY REGION

7.1. Overview

7.1.1. Market size and forecast By Region

7.2. North America

7.2.1. Key trends and opportunities

7.2.2. Market size and forecast, by System

7.2.3. Market size and forecast, by Offering

7.2.4. Market size and forecast, by Herd Size

7.2.5. Market size and forecast, by country

7.2.5.1. U.S.

7.2.5.1.1. Key market trends, growth factors and opportunities

7.2.5.1.2. Market size and forecast, by System

7.2.5.1.3. Market size and forecast, by Offering

7.2.5.1.4. Market size and forecast, by Herd Size

7.2.5.2. Canada

7.2.5.2.1. Key market trends, growth factors and opportunities

7.2.5.2.2. Market size and forecast, by System

7.2.5.2.3. Market size and forecast, by Offering

7.2.5.2.4. Market size and forecast, by Herd Size

7.2.5.3. Mexico

7.2.5.3.1. Key market trends, growth factors and opportunities

7.2.5.3.2. Market size and forecast, by System

7.2.5.3.3. Market size and forecast, by Offering

7.2.5.3.4. Market size and forecast, by Herd Size

7.3. Europe

7.3.1. Key trends and opportunities

7.3.2. Market size and forecast, by System

7.3.3. Market size and forecast, by Offering

7.3.4. Market size and forecast, by Herd Size

7.3.5. Market size and forecast, by country

7.3.5.1. Germany

7.3.5.1.1. Key market trends, growth factors and opportunities

7.3.5.1.2. Market size and forecast, by System

7.3.5.1.3. Market size and forecast, by Offering

7.3.5.1.4. Market size and forecast, by Herd Size

7.3.5.2. UK

7.3.5.2.1. Key market trends, growth factors and opportunities

7.3.5.2.2. Market size and forecast, by System

7.3.5.2.3. Market size and forecast, by Offering

7.3.5.2.4. Market size and forecast, by Herd Size

7.3.5.3. France

7.3.5.3.1. Key market trends, growth factors and opportunities

7.3.5.3.2. Market size and forecast, by System

7.3.5.3.3. Market size and forecast, by Offering

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- 7.3.5.3.4. Market size and forecast, by Herd Size
- 7.3.5.4. Netherlands
 - 7.3.5.4.1. Key market trends, growth factors and opportunities
 - 7.3.5.4.2. Market size and forecast, by System
 - 7.3.5.4.3. Market size and forecast, by Offering
 - 7.3.5.4.4. Market size and forecast, by Herd Size
- 7.3.5.5. Italy
 - 7.3.5.5.1. Key market trends, growth factors and opportunities
 - 7.3.5.5.2. Market size and forecast, by System
 - 7.3.5.5.3. Market size and forecast, by Offering
 - 7.3.5.5.4. Market size and forecast, by Herd Size
- 7.3.5.6. Rest of Europe
 - 7.3.5.6.1. Key market trends, growth factors and opportunities
 - 7.3.5.6.2. Market size and forecast, by System
 - 7.3.5.6.3. Market size and forecast, by Offering
 - 7.3.5.6.4. Market size and forecast, by Herd Size
- 7.4. Asia-Pacific
 - 7.4.1. Key trends and opportunities
 - 7.4.2. Market size and forecast, by System
 - 7.4.3. Market size and forecast, by Offering
 - 7.4.4. Market size and forecast, by Herd Size
 - 7.4.5. Market size and forecast, by country
 - 7.4.5.1. China
 - 7.4.5.1.1. Key market trends, growth factors and opportunities
 - 7.4.5.1.2. Market size and forecast, by System
 - 7.4.5.1.3. Market size and forecast, by Offering
 - 7.4.5.1.4. Market size and forecast, by Herd Size
 - 7.4.5.2. Japan
 - 7.4.5.2.1. Key market trends, growth factors and opportunities
 - 7.4.5.2.2. Market size and forecast, by System
 - 7.4.5.2.3. Market size and forecast, by Offering
 - 7.4.5.2.4. Market size and forecast, by Herd Size
 - 7.4.5.3. India
 - 7.4.5.3.1. Key market trends, growth factors and opportunities
 - 7.4.5.3.2. Market size and forecast, by System
 - 7.4.5.3.3. Market size and forecast, by Offering
 - 7.4.5.3.4. Market size and forecast, by Herd Size
 - 7.4.5.4. South Korea
 - 7.4.5.4.1. Key market trends, growth factors and opportunities
 - 7.4.5.4.2. Market size and forecast, by System
 - 7.4.5.4.3. Market size and forecast, by Offering
 - 7.4.5.4.4. Market size and forecast, by Herd Size
 - 7.4.5.5. Australia
 - 7.4.5.5.1. Key market trends, growth factors and opportunities
 - 7.4.5.5.2. Market size and forecast, by System
 - 7.4.5.5.3. Market size and forecast, by Offering
 - 7.4.5.5.4. Market size and forecast, by Herd Size

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- 7.4.5.6. Rest of Asia-Pacific
 - 7.4.5.6.1. Key market trends, growth factors and opportunities
 - 7.4.5.6.2. Market size and forecast, by System
 - 7.4.5.6.3. Market size and forecast, by Offering
 - 7.4.5.6.4. Market size and forecast, by Herd Size
- 7.5. LAMEA
 - 7.5.1. Key trends and opportunities
 - 7.5.2. Market size and forecast, by System
 - 7.5.3. Market size and forecast, by Offering
 - 7.5.4. Market size and forecast, by Herd Size
 - 7.5.5. Market size and forecast, by country
 - 7.5.5.1. Brazil
 - 7.5.5.1.1. Key market trends, growth factors and opportunities
 - 7.5.5.1.2. Market size and forecast, by System
 - 7.5.5.1.3. Market size and forecast, by Offering
 - 7.5.5.1.4. Market size and forecast, by Herd Size
 - 7.5.5.2. UAE
 - 7.5.5.2.1. Key market trends, growth factors and opportunities
 - 7.5.5.2.2. Market size and forecast, by System
 - 7.5.5.2.3. Market size and forecast, by Offering
 - 7.5.5.2.4. Market size and forecast, by Herd Size
 - 7.5.5.3. Saudi Arabia
 - 7.5.5.3.1. Key market trends, growth factors and opportunities
 - 7.5.5.3.2. Market size and forecast, by System
 - 7.5.5.3.3. Market size and forecast, by Offering
 - 7.5.5.3.4. Market size and forecast, by Herd Size
 - 7.5.5.4. South Africa
 - 7.5.5.4.1. Key market trends, growth factors and opportunities
 - 7.5.5.4.2. Market size and forecast, by System
 - 7.5.5.4.3. Market size and forecast, by Offering
 - 7.5.5.4.4. Market size and forecast, by Herd Size
 - 7.5.5.5. Rest of LAMEA
 - 7.5.5.5.1. Key market trends, growth factors and opportunities
 - 7.5.5.5.2. Market size and forecast, by System
 - 7.5.5.5.3. Market size and forecast, by Offering
 - 7.5.5.5.4. Market size and forecast, by Herd Size

CHAPTER 8: COMPETITIVE LANDSCAPE

- 8.1. Introduction
- 8.2. Top winning strategies
- 8.3. Product Mapping of Top 10 Player
- 8.4. Competitive Dashboard
- 8.5. Competitive Heatmap
- 8.6. Top player positioning, 2021

CHAPTER 9: COMPANY PROFILES

- 9.1. Lely
 - 9.1.1. Company overview
 - 9.1.2. Key Executives

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- 9.1.3. Company snapshot
- 9.2. DeLaval
 - 9.2.1. Company overview
 - 9.2.2. Key Executives
 - 9.2.3. Company snapshot
- 9.3. GEA Group Aktiengesellschaft
 - 9.3.1. Company overview
 - 9.3.2. Key Executives
 - 9.3.3. Company snapshot
- 9.4. □Hokofarm Group
 - 9.4.1. Company overview
 - 9.4.2. Key Executives
 - 9.4.3. Company snapshot
- 9.5. Fullwood Packo
 - 9.5.1. Company overview
 - 9.5.2. Key Executives
 - 9.5.3. Company snapshot
- 9.6. Milkomax Solutions laitieres
 - 9.6.1. Company overview
 - 9.6.2. Key Executives
 - 9.6.3. Company snapshot
- 9.7. BouMatic
 - 9.7.1. Company overview
 - 9.7.2. Key Executives
 - 9.7.3. Company snapshot
- 9.8. AktivPuls GmbH
 - 9.8.1. Company overview
 - 9.8.2. Key Executives
 - 9.8.3. Company snapshot
- 9.9. □Waikato Milking Systems NZ LP.
 - 9.9.1. Company overview
 - 9.9.2. Key Executives
 - 9.9.3. Company snapshot
- 9.10. DAIRYMASTER
 - 9.10.1. Company overview
 - 9.10.2. Key Executives
 - 9.10.3. Company snapshot

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