

Global Milking Robots Market: 2026 Edition

<https://marketpublishers.com/r/G4E3CAF81809EN.html>

Date: March 2026

Pages: 139

Price: US\$ 2,250.00 (Single User License)

ID: G4E3CAF81809EN

Abstracts

The global milking robots market was valued at US\$3.26 billion in 2024. The market value is expected to reach US\$7.04 billion by 2030. Milking robots are robotic systems that perform the entire milking process without direct human labor. These automated systems enable voluntary, labor-free milking of dairy cows using robotic arms and sensor technology, enhancing efficiency and animal welfare on dairy farms.

In the forthcoming years, the global milking robots market is expected to continue growing due to several converging trends. A key factor driving this growth is the rising demand for automation in the agricultural sector, particularly in dairy farming, where labor shortages and increasing operational costs are prompting farmers to adopt automated solutions. Milking robots, equipped with robotic arms and advanced sensor technologies, offer a fully automated milking process that reduces the need for manual labor while improving overall efficiency and productivity. Furthermore, the integration of data analytics and herd management tools into these systems is helping farmers monitor milk quality and animal health in real time, enabling more informed decision-making. Technological advancements in robotics, artificial intelligence, and IoT are making these systems increasingly reliable and cost-effective, broadening their adoption among both large and mid-sized dairy farms. In addition, supportive government policies and incentives aimed at promoting agricultural modernization and sustainability are accelerating the shift toward precision dairy farming technologies. Together, these factors are positioning the global milking robots market for steady and sustained growth in the years ahead. The market is expected to grow at a CAGR of approx. 14% during the forecasted period of 2025-2030.

Market Segmentation Analysis:

By System Type: The report provides the bifurcation of the milking robots market into three segments on the basis of system type: Single-Stall Milking System, Multi-Stall

Milking System and Rotary Milking System. The multi-stall segment holds the highest share in the market, due to its ability to milk multiple cows simultaneously, improving operational efficiency, reducing labor costs, and providing a quicker return on investment. The growth of this segment is driven by the increasing demand for dairy products, the shift toward automation, and the need for higher milking efficiency to meet rising production demands. Moving forward, the multi-stall system is expected to maintain its dominance as large-scale dairy operations continue to grow, with advancements in technology further improving system efficiency. Integration with herd management software and real-time monitoring tools will further enhance its appeal, particularly in industrialized dairy farming regions.

By Herd Size: The report provides the bifurcation of the milking robots market into three segments on the basis of herd size: Below 100, Between 100-1000 and Above 1000. The between 100-1000 segment held a significant share of the global market, as it represents medium-sized dairy farms that benefit significantly from milking robots' ability to optimize labor costs and improve milking throughput. These systems allow dairy farmers to manage larger herds more efficiently, while reducing the dependency on manual labor. The growth of this segment is driven by increasing demand for dairy products, a shift toward automation in the dairy industry, and the need for higher milking efficiency to meet growing production needs. In the coming years, this segment is expected to maintain its dominant position, supported by the continued push for operational efficiency, technological innovations, and reduced installation and operational costs.

By Offering: The report provides the bifurcation of the milking robots market into three segments on the basis of offering: Hardware, Software and Service. The hardware segment holds the largest share in the market as it encompasses the physical components essential for milking robots, such as robotic arms, sensors, and milking units. The segment is particularly supported by the need for efficiency in high-throughput environments and the adoption of systems that reduce manual intervention. In the coming years, growth is expected to be driven by technological advancements in hardware components, such as precision sensors and energy-efficient designs, which enhance operational efficiency. Additionally, economies of scale and decreasing manufacturing costs are predicted to make hardware more accessible and attractive to dairy farms, supporting continued market expansion.

By Region: In the report, the global milking robots market is divided into four regions: Europe (Germany, Netherlands, UK, France, Italy, and Rest of Europe), Asia Pacific (China, India, Japan, South Korea, and rest of Asia Pacific), North America (the US,

Canada, and Mexico), and Rest of the World. In 2024, the Europe region led the milking robots market, propelled by advanced dairy farming practices, strong technological infrastructure, and a high rate of automation adoption across countries such as Germany, the Netherlands, and France. Government support through subsidies and favorable policies for modernizing agriculture further encouraged the use of robotic milking systems. Additionally, the region's focus on animal welfare, labor efficiency, and sustainable farming practices contributed to the widespread implementation of automated solutions, solidifying Europe's position at the forefront of the milking robots market.

During 2025-2030, the US is expected to maintain its lead within the North American milking robots market, driven by the increasing adoption of precision farming technologies, growing labor shortages in the agricultural sector, and rising demand for efficient and scalable dairy operations. Investments in smart farming solutions and strong R&D capabilities are further accelerating the deployment of automated milking systems.

Market Dynamics:

Growth Drivers: The global milking robots market growth is predicted to be supported by numerous growth drivers such as growing demand for milk and dairy products, heightened focus on reducing labor costs, increasing emphasis on animal welfare, availability of financial incentives and government support, expanding scarcity of skilled dairy labor, and many other factors. One of the key factors driving the growth of the global milking robots market is the surging focus on efficiency and productivity. Milking robots enable faster, more consistent, and round-the-clock milking, allowing farms to optimize milk yield while reducing reliance on manual labor. By automating the milking process and integrating real-time monitoring of animal health and milk quality, these systems help farmers improve overall herd management, minimize downtime, and maximize output. This heightened operational efficiency not only lowers production costs but also enhances profitability, making milking robots an attractive investment, thereby significantly contributing to the market's growth.

Challenges: However, the market growth would be negatively impacted by various challenges such as high initial cost of installation and maintenance, lack of technical expertise and training, integration with existing farm infrastructure, etc.

Trends: The market is projected to grow at a fast pace during the forecast period, due to various latest trends such as rising investment in agritech startups and R&D, improved

herd management through data integration, technological advancements in robotics and automation, growth of large-scale dairy farms, intensifying focus on sustainability and carbon footprint reduction, etc. The ongoing adoption of smart farming technologies is becoming a key trend in the milking robots market. These technologies integrate sensors, IoT, and data analytics to provide real-time insights into animal health, milk quality, and equipment performance, enabling farmers to make data-driven decisions. By streamlining operations and improving accuracy, smart farming enhances productivity and reduces operational inefficiencies. This digital transformation in dairy farming is expected to accelerate the adoption of automated milking systems, thereby playing a vital role in driving market growth during the forecast period.

Competitive Landscape:

The global milking robots market is moderately consolidated, with a few key players holding substantial market share, but it remains highly innovative due to ongoing advancements in smart farming technologies and automation.

The key players in the global milking robots market are:

Tetra Laval International SA (DeLaval)

GEA Group AG

Nedap Livestock Management

Lely International NV

BouMatic LLC

Dairymaster Ltd.

Fullwood JOZ B

Hokofarm Group

Waikato Milking Systems NZ LP

Afimilk Agricultural Cooperative Ltd.

Milkplan SA

Milkomax Solutions Laitières Inc.

The key players focus on technological innovation, product expansion, and strategic partnerships to maintain a competitive edge. Meanwhile, emerging players are entering the market with region-specific solutions and cost-effective alternatives, gradually intensifying competition. For instance, in September 2024, Lely unveiled the Zeta concept, a revolutionary system that utilizes cameras, LED lighting, artificial intelligence, and smart algorithms to monitor cows and barn operations. This innovation aims to improve animal welfare and farmer prosperity by providing real-time data and insights. Similarly, in January 2024, DeLaval introduced the VMS Batch Milking system, designed to efficiently milk larger groups of cows by dividing herds into groups and bringing them to the milking center, similar to traditional parlor or rotary milking. This system has been installed on over 10 farms worldwide, milking a total of 10,000 cows.

Contents

1. EXECUTIVE SUMMARY

2. INTRODUCTION

2.1 Milking Robots: An Overview

2.1.1 Introduction to Milking Robots

2.1.2 Types of Milking Robots

2.2 Milking Robots Segmentation: An Overview

2.2.1 Milking Robots Segmentation

3. GLOBAL MARKET ANALYSIS

3.1 Global Milking Robots Market: An Analysis

3.1.1 Global Milking Robots Market: An Overview

3.1.2 Global Milking Robots Market by Value

3.1.3 Global Milking Robots Market by System Type (Multi-Stall Milking System, Single-Stall Milking System and Rotary Milking System)

3.1.4 Global Milking Robots Market by Herd Size (Between 100-1000, Above 1000 and Below 100)

3.1.5 Global Milking Robots Market by Offering (Hardware, Software and Services)

3.1.6 Global Milking Robots Market by Region (Europe, Asia Pacific, North America, and rest of the World)

3.2 Global Milking Robots Market: System Type Analysis

3.2.1 Global Milking Robots Market by System Type: An Overview

3.2.2 Global Multi-Stall Milking Robots Market by Value

3.2.3 Global Single-Stall Milking Robots Market by Value

3.2.4 Global Rotary Milking Robots Market by Value

3.3 Global Milking Robots Market: Herd Size Analysis

3.3.1 Global Milking Robots Market by Herd Size: An Overview

3.3.2 Global Between 100-1000 Milking Robots Market by Value

3.3.3 Global Below 100 Milking Robots Market by Value

3.3.4 Global Above 1000 Milking Robots Market by Value

3.4 Global Milking Robots Market: Offering Analysis

3.4.1 Global Milking Robots Market by Offering: An Overview

3.4.2 Global Milking Robots Hardware Market by Value

3.4.3 Global Milking Robots Software Market by Value

3.4.4 Global Milking Robots Services Market by Value

4. REGIONAL MARKET ANALYSIS

4.1 Europe Milking Robots Market: An Analysis

- 4.1.1 Europe Milking Robots Market: An Overview
- 4.1.2 Europe Milking Robots Market by Value
- 4.1.3 Europe Milking Robots Market by Region
- 4.1.4 Germany Milking Robots Market by Value
- 4.1.5 Netherlands Milking Robots Market by Value
- 4.1.6 The UK Milking Robots Market by Value
- 4.1.7 France Milking Robots Market by Value
- 4.1.8 Italy Milking Robots Market by Value
- 4.1.9 Rest of Europe Milking Robots Market by Value

4.2 Asia Pacific Milking Robots Market: An Analysis

- 4.2.1 Asia Pacific Milking Robots Market: An Overview
- 4.2.2 Asia Pacific Milking Robots Market by Value
- 4.2.3 Asia Pacific Milking Robots Market by Region
- 4.2.4 China Milking Robots Market by Value
- 4.2.5 India Milking Robots Market by Value
- 4.2.6 Japan Milking Robots Market by Value
- 4.2.7 South Korea Milking Robots Market by Value
- 4.2.8 Rest of Asia Pacific Milking Robots Market by Value

4.3 North America Milking Robots Market: An Analysis

- 4.3.1 North America Milking Robots Market: An Overview
- 4.3.2 North America Milking Robots Market by Value
- 4.3.3 North America Milking Robots Market by Region
- 4.3.4 The US Milking Robots Market by Value
- 4.3.5 Canada Milking Robots Market by Value
- 4.3.6 Mexico Milking Robots Market by Value

4.4 Rest of the World Milking Robots Market: An Analysis

- 4.4.1 Rest of the World Milking Robots Market: An Overview
- 4.4.2 Rest of the World Milking Robots Market by Value

5. IMPACT OF COVID-19

5.1 Impact of COVID-19 on Global Milking Robots Market

5.2 Post COVID-19 Impact on Global Milking Robots Market

6. MARKET DYNAMICS

6.1 Growth Drivers

- 6.1.1 Growing Demand for Milk and Dairy Products
- 6.1.2 Heightened Focus on Reducing Labor Costs
- 6.1.3 Increasing Emphasis on Animal Welfare in Dairy Operations
- 6.1.4 Availability of Financial Incentives and Government Support
- 6.1.5 Expanding Scarcity of Skilled Dairy Labor
- 6.1.6 Surging Focus on Efficiency and Productivity

6.2 Challenges

- 6.2.1 High Initial Cost of Installation and Maintenance
- 6.2.2 Lack of Technical Expertise and Training
- 6.2.3 Integration with Existing Farm Infrastructure

6.3 Market Trends

- 6.3.1 Ongoing Adoption of Smart Farming Technologies
- 6.3.2 Rising Investment in AgriTech Startups and R&D
- 6.3.3 Improved Herd Management through Data Integration
- 6.3.4 Growth of Large-Scale Dairy Farms
- 6.3.5 Technological Advancements in Robotics and Automation
- 6.3.6 Intensifying Focus on Sustainability and Carbon Footprint Reduction

7. COMPETITIVE LANDSCAPE

7.1 Global Milking Robots Market: Competitive Landscape

8. COMPANY PROFILES

8.1 Tetra Laval International SA (DeLaval)

- 8.1.1 Business Overview
- 8.1.2 Operating Segments
- 8.1.3 Business Strategy

8.2 GEA Group AG

- 8.2.1 Business Overview
- 8.2.2 Operating Segments
- 8.2.3 Business Strategy

8.3 Nedap Livestock Management

- 8.3.1 Business Overview
- 8.3.2 Operating Region
- 8.3.3 Business Strategy

8.4 Lely International NV

- 8.4.1 Business Overview
- 8.4.2 Business Strategy
- 8.5 BouMatic LLC
 - 8.5.1 Business Overview
 - 8.5.2 Business Strategy
- 8.6 Dairymaster Ltd.
 - 8.6.1 Business Overview
 - 8.6.2 Business Strategy
- 8.7 Fullwood JOZ BV
 - 8.7.1 Business Overview
 - 8.7.2 Business Strategy
- 8.8 Hokofarm Group
 - 8.8.1 Business Overview
 - 8.8.2 Business Strategy
- 8.9 Waikato Milking Systems NZ LP
 - 8.9.1 Business Overview
 - 8.9.2 Business Strategy
- 8.10 Afimilk Agricultural Cooperative Ltd.
 - 8.9.1 Business Overview
- 8.11 Milkplan SA
 - 8.11.1 Business Overview
- 8.12 Milkomax Solutions Laitières Inc.
 - 8.12.1 Business Overview

List Of Figures

LIST OF FIGURES

- Figure 1: Types of Milking Robots
- Figure 2: Milking Robots Segmentation
- Figure 3: Global Milking Robots Market by Value; 2020-2024 (US\$ Billion)
- Figure 4: Global Milking Robots Market by Value; 2025-2030 (US\$ Billion)
- Figure 5: Global Milking Robots Market by System Type; 2024 (Percentage, %)
- Figure 6: Global Milking Robots Market by Herd Size; 2024 (Percentage, %)
- Figure 7: Global Milking Robots Market by Offering; 2024 (Percentage, %)
- Figure 8: Global Milking Robots Market by Region; 2024 (Percentage, %)
- Figure 9: Global Multi-Stall Milking Robots Market by Value; 2020-2024 (US\$ Billion)
- Figure 10: Global Multi-Stall Milking Robots Market by Value; 2025-2030 (US\$ Billion)
- Figure 11: Global Single-Stall Milking Robots Market by Value; 2020-2024 (US\$ Million)
- Figure 12: Global Single-Stall Milking Robots Market by Value; 2025-2030 (US\$ Billion)
- Figure 13: Global Rotary Milking Robots Market by Value; 2020-2024 (US\$ Million)
- Figure 14: Global Rotary Milking Robots Market by Value; 2025-2030 (US\$ Billion)
- Figure 15: Global Between 100-1000 Milking Robots Market by Value; 2020-2024 (US\$ Billion)
- Figure 16: Global Between 100-1000 Milking Robots Market by Value; 2025-2030 (US\$ Billion)
- Figure 17: Global Below 100 Milking Robots Market by Value; 2020-2024 (US\$ Million)
- Figure 18: Global Below 100 Milking Robots Market by Value; 2025-2030 (US\$ Billion)
- Figure 19: Global Above 1000 Milking Robots Market by Value; 2020-2024 (US\$ Million)
- Figure 20: Global Above 1000 Milking Robots Market by Value; 2025-2030 (US\$ Billion)
- Figure 21: Global Milking Robots Hardware Market by Value; 2020-2024 (US\$ Billion)
- Figure 22: Global Milking Robots Hardware Market by Value; 2025-2030 (US\$ Billion)
- Figure 23: Global Milking Robots Software Market by Value; 2020-2024 (US\$ Million)
- Figure 24: Global Milking Robots Software Market by Value; 2025-2030 (US\$ Billion)
- Figure 25: Global Milking Robots Services Market by Value; 2020-2024 (US\$ Million)
- Figure 26: Global Milking Robots Services Market by Value; 2025-2030 (US\$ Million)
- Figure 27: Europe Milking Robots Market by Value; 2020-2024 (US\$ Billion)
- Figure 28: Europe Milking Robots Market by Value; 2025-2030 (US\$ Billion)
- Figure 29: Europe Milking Robots Market by Region; 2024 (Percentage, %)
- Figure 30: Germany Milking Robots Market by Value; 2020-2024 (US\$ Million)
- Figure 31: Germany Milking Robots Market by Value; 2025-2030 (US\$ Million)
- Figure 32: Netherlands Milking Robots Market by Value; 2020-2024 (US\$ Million)
- Figure 33: Netherlands Milking Robots Market by Value; 2025-2030 (US\$ Million)

- Figure 34: The UK Milking Robots Market by Value; 2020-2024 (US\$ Million)
- Figure 35: The UK Milking Robots Market by Value; 2025-2030 (US\$ Million)
- Figure 36: France Milking Robots Market by Value; 2020-2024 (US\$ Million)
- Figure 37: France Milking Robots Market by Value; 2020-2024 (US\$ Million)
- Figure 38: Italy Milking Robots Market by Value; 2020-2024 (US\$ Million)
- Figure 39: Italy Milking Robots Market by Value; 2025-2030 (US\$ Million)
- Figure 40: Rest of Europe Milking Robots Market by Value; 2020-2024 (US\$ Million)
- Figure 41: Rest of Europe Milking Robots Market by Value; 2025-2030 (US\$ Million)
- Figure 42: Asia Pacific Milking Robots Market by Value; 2020-2024 (US\$ Million)
- Figure 43: Asia Pacific Milking Robots Market by Value; 2025-2030 (US\$ Billion)
- Figure 44: Asia Pacific Milking Robots Market by Region; 2024 (Percentage, %)
- Figure 45: China Milking Robots Market by Value; 2020-2024 (US\$ Million)
- Figure 46: China Milking Robots Market by Value; 2025-2030 (US\$ Million)
- Figure 47: India Milking Robots Market by Value; 2020-2024 (US\$ Million)
- Figure 48: India Milking Robots Market by Value; 2025-2030 (US\$ Million)
- Figure 49: Japan Milking Robots Market by Value; 2020-2024 (US\$ Million)
- Figure 50: Japan Milking Robots Market by Value; 2025-2030 (US\$ Million)
- Figure 51: South Korea Milking Robots Market by Value; 2020-2024 (US\$ Million)
- Figure 52: South Korea Milking Robots Market by Value; 2025-2030 (US\$ Million)
- Figure 53: Rest of Asia Pacific Milking Robots Market by Value; 2020-2024 (US\$ Million)
- Figure 54: Rest of Asia Pacific Milking Robots Market by Value; 2025-2030 (US\$ Million)
- Figure 55: North America Milking Robots Market by Value; 2020-2024 (US\$ Million)
- Figure 56: North America Milking Robots Market by Value; 2025-2030 (US\$ Billion)
- Figure 57: North America Milking Robots Market by Region; 2024 (Percentage, %)
- Figure 58: The US Milking Robots Market by Value; 2020-2024 (US\$ Million)
- Figure 59: The US Milking Robots Market by Value; 2025-2030 (US\$ Billion)
- Figure 60: Canada Milking Robots Market by Value; 2020-2024 (US\$ Million)
- Figure 61: Canada Milking Robots Market by Value; 2025-2030 (US\$ Million)
- Figure 62: Mexico Milking Robots Market by Value; 2020-2024 (US\$ Million)
- Figure 63: Mexico Milking Robots Market by Value; 2025-2030 (US\$ Million)
- Figure 64: Rest of the World Milking Robots Market by Value; 2020-2024 (US\$ Million)
- Figure 65: Rest of the World Milking Robots Market by Value; 2025-2030 (US\$ Million)
- Figure 66: Global Milk Production; 2020-2024 (Million Tonnes)
- Figure 67: The US Average Hourly Wage for Agricultural Workers; 2020-2024 (US\$/hour)
- Figure 68: Global Market Value Of Smart Farming; 2021-2025 (US\$ Billion)
- Figure 69: Global AgriFoodTech Investment; 2020-2024 (US\$ Billion)

Figure 70: Tetra Laval International SA Net Sales by Segments; 2023 (Percentage, %)

Figure 71: GEA Group AG Revenue by Segment; 2024 (Percentage, %)

Figure 72: Nedap Livestock Management Revenue by Region; 2024 (Percentage, %)

Table 1: Major EU and USDA Animal Welfare Standards and Their Provisions

Table 2: Key Government Incentives Supporting Milking Robot Adoption

Table 3: Global Milking Robots Market: Recent Developments & Product Offerings

I would like to order

Product name: Global Milking Robots Market: 2026 Edition

Product link: <https://marketpublishers.com/r/G4E3CAF81809EN.html>

Price: US\$ 2,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G4E3CAF81809EN.html>