

Milking Robots Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global milking robots market size reached US\$ 1.8 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 3.3 Billion by 2028, exhibiting a growth rate (CAGR) of 10.7% during 2023-2028.

Milking robots, or automatic milking systems (AMS), represent mechanical suction machines that enable complete automation of milking procedures while mitigating the direct participation of operators. They include teat cup shells, liners, pulsators, vacuum pumps, tanks, regulators, gauges, and multiple sensors that help evaluate milk quality and dispense feed to cows. Milking robots aid in the underlying examination, distinguishing proof tags, and acquiring various valuable data and inputs, including cow milk production and electrical conductivity. Apart from this, milking robots save labor expenses, reduce dependency on skilled farm workers, increase milk yield, and eliminate stress throughout lactation by creating better milking routines in minimal duration. Based on these properties, the solution is used to reduce the risk of infections by conducting continuous tests and ensuring milk production. Currently, milking robots are mainly available in single-stall and multi-stall units and automated milking rotary types.

Milking Robots Market Trends:

The considerable expansion in the dairy industry and the increasing need for effective AMS solutions over conventional milking techniques to optimize milk production at reduced labor costs are primarily driving the market growth. This is further influenced by the rising demand for various dairy products, including milk, curd, and butter, owing to their multiple health benefits and nutritional compositions. In line with this, the advent of robot framework monitors and the integration of self-contained controller (SCC) sensors to proactively analyze milk flow and detect mastitis early are acting as another growth-

inducing factor. Such technologies further help obtain maximum milkability and monitor cleaning requirements and individual quarters. Additionally, the ongoing development of multiple advanced automation technologies by manufacturers with diverse functions, including herd and farm management, to maintain product quality is impelling market growth. Apart from this, the rising herds' health concerns and the extensive uptake of state-of-the-art robots with enhanced technical support are positively augmenting the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global milking robots market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on offering, type and herd size.

Breakup by Offering:

- Hardware
- Software
- Services

Breakup by Type:

- Single-Stall Unit
- Multi-Stall Unit
- Rotary System

Breakup by Herd Size:

- Up to 100
- Between 100-1,000
- Above 1,000

Breakup by Region:

- North America
 - United States
 - Canada
- Asia-Pacific
- China

Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being 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 Questions Answered in This Report

1. What was the size of the global milking robots market in 2022?
2. What is the expected growth rate of the global milking robots market during 2023-2028?
3. What are the key factors driving the global milking robots market?
4. What has been the impact of COVID-19 on the global milking robots market?
5. What is the breakup of the global milking robots market based on the offering?
6. What is the breakup of the global milking robots market based on the type?
7. What is the breakup of the global milking robots market based on the herd size?
8. What are the key regions in the global milking robots market?
9. Who are the key players/companies in the global milking robots market?

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