

Quanti Farm

**LIVESTOCK FARMING DATSs
AUTOMATIC MILKING SYSTEMS**



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FACTSHEET #13



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WHAT ARE THE DATSs?

Digital Agricultural Technology Solutions (DATSs) are digital tools, systems, and platforms that collect, analyse, and use data to improve **farm management, productivity, sustainability, and animal welfare**.

They support better decision-making by turning **real-time information** into **targeted actions** on the farm.

WHAT ARE AUTOMATIC MILKING SYSTEMS (AMS)?

Automatic Milking Systems (AMS) are a category of Livestock Farming DATS that automate the milking process while improving efficiency and animal comfort.

They allow cows to be milked **automatically and regularly**, without continuous human intervention, using specialised equipment that adapts to each animal.

Their purpose is to **save time, improve milking consistency, and enhance animal welfare**, while supporting efficient dairy farm operations.

WHO IS IT FOR?

Automatic Milking Systems are designed for:

Dairy Farmers and Farm Managers

seeking to automate milking operations



Advisers and Extension Services

supporting modern dairy farm management



Agricultural Consultants and Digital Innovation Hubs (DIHs)

promoting livestock digitalisation



Researchers and Stakeholders

analysing automation in dairy farming



They are applicable to different dairy farm sizes and production systems.

KEY OBJECTIVES

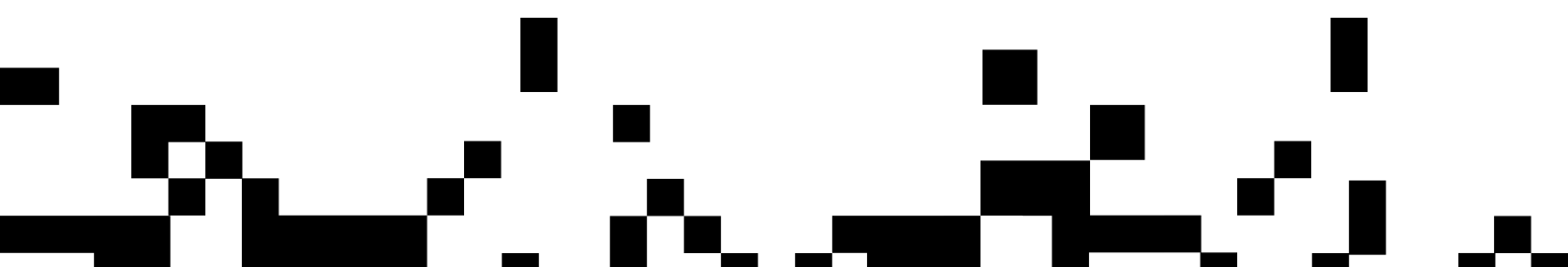
To automate the milking process

To increase productivity and operational efficiency

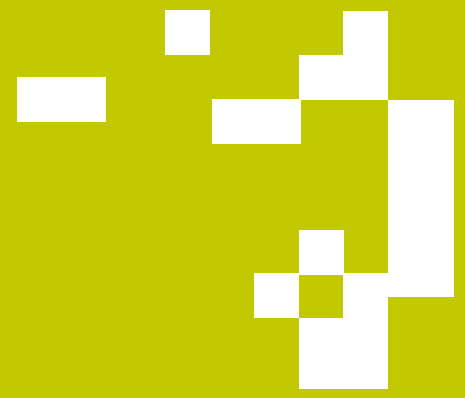
To reduce labour requirements and operational risks

To improve animal comfort and welfare

To support consistent and data-driven dairy management



MAIN FEATURES



Automatic Milking Systems (AMS) focus on automated and efficient milking operations:

Robotic milking systems

Robots milk cows automatically without human presence, saving time and supporting cow health through gentle and regular milking.

Automated milking parlours

Systems that milk multiple cows simultaneously using specialised automated equipment.

Together, these technologies help dairy farmers **optimise labour use, improve animal welfare, and increase productivity**, supporting sustainable and modern livestock farming.

Learn
More



quantifarm.eu
info@quantifarm.eu

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