



DAIRY**HQ**[™]

PARLOUR MANAGEMENT SYSTEM

INTELLIGENT AND INTUITIVE PARLOUR MANAGEMENT



Automate your parlour management to drive your milking productivity and performance, and elevate the value of your dairy operation through precision dairy farming

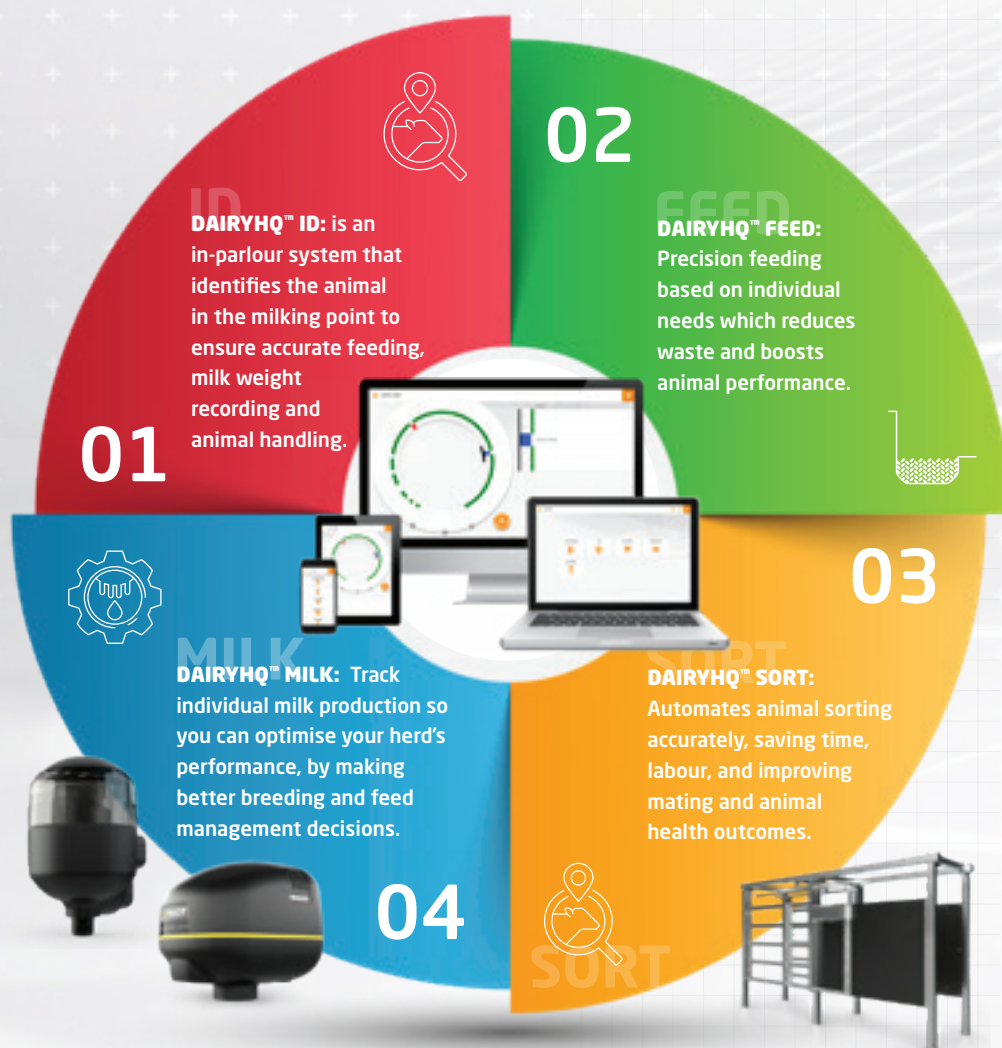
DAIRYHQ™ PROVIDES YOU WITH BETTER DATA, SO YOU CAN MAKE BETTER DECISIONS

By incorporating the DairyHQ™ Parlour Management System alongside your Waikato Milking Systems automation equipment, you can make better decisions to optimise your milking operation and profitability.

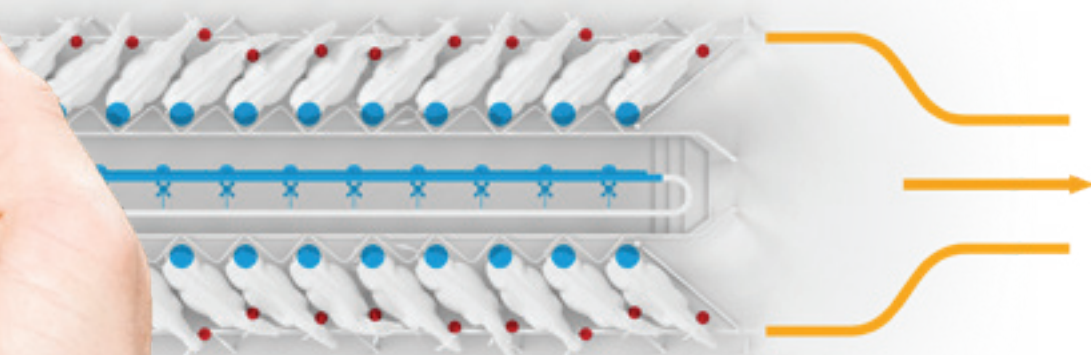
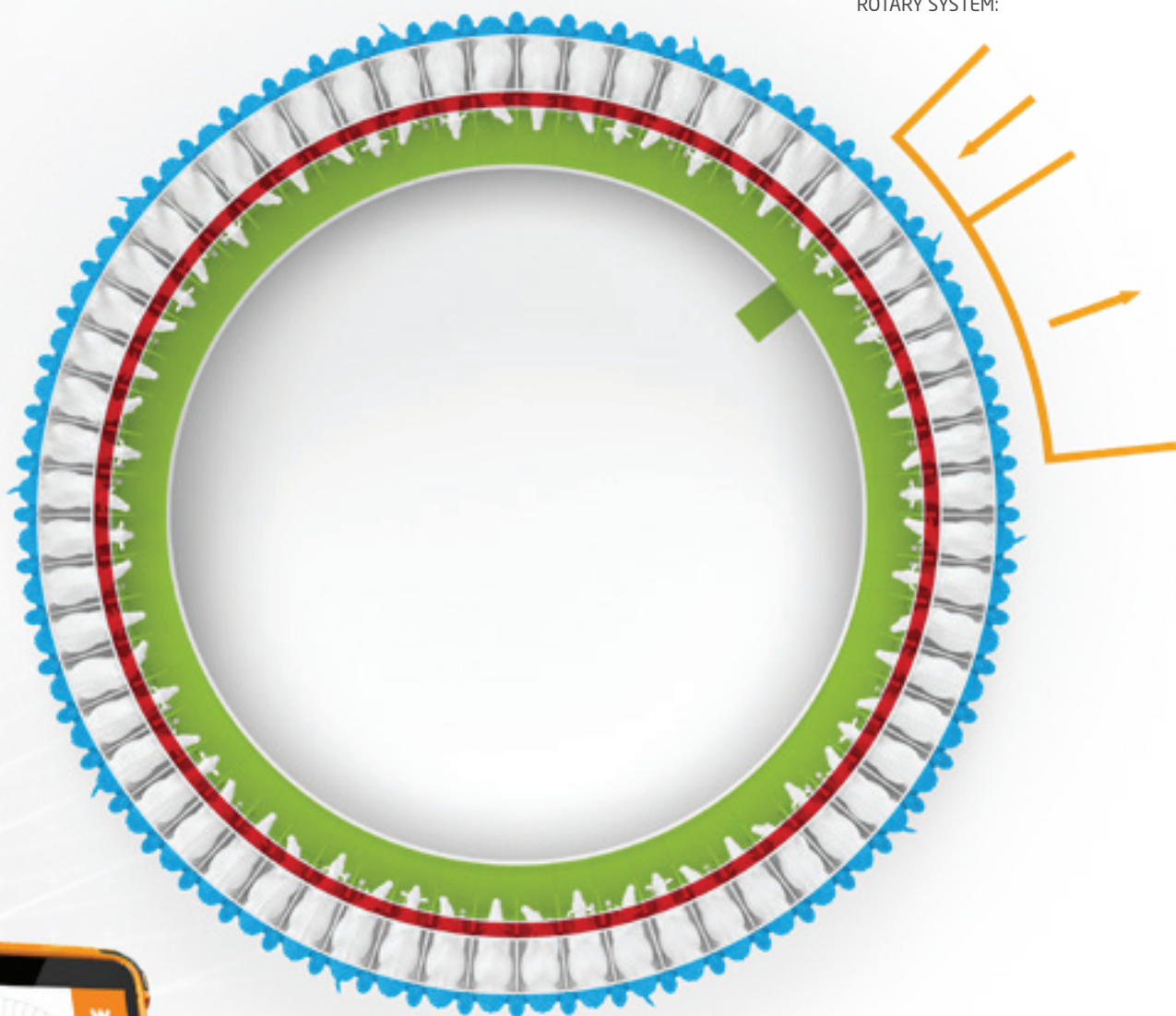
There are several critical factors that impact dairy farming profitability including efficient labour utilisation, enhanced working conditions, optimal resource management, and data-driven decision-making. DairyHQ™ allows you to harness these resources to your advantage, by continually monitoring and overseeing key aspects of your milking operation.

This enables you to focus on accurately recorded and processed data to make informed decisions - including animal breeding for genetic enhancement, herd culling, precise feed budgeting, and optimally timed artificial insemination.

In doing so, you can significantly reduce wastage across various aspects of your parlour, from feed costs to veterinary expenses, to energy consumption. This data-driven decision making enables you to fine-tune your herd, resulting in a stronger, more productive, and more efficient operation.



ROTARY SYSTEM:



INDIVIDUAL TRACKING LEADS TO MORE PERSONALISED CARE

GET TO KNOW YOUR COWS EVEN BETTER WITH ID

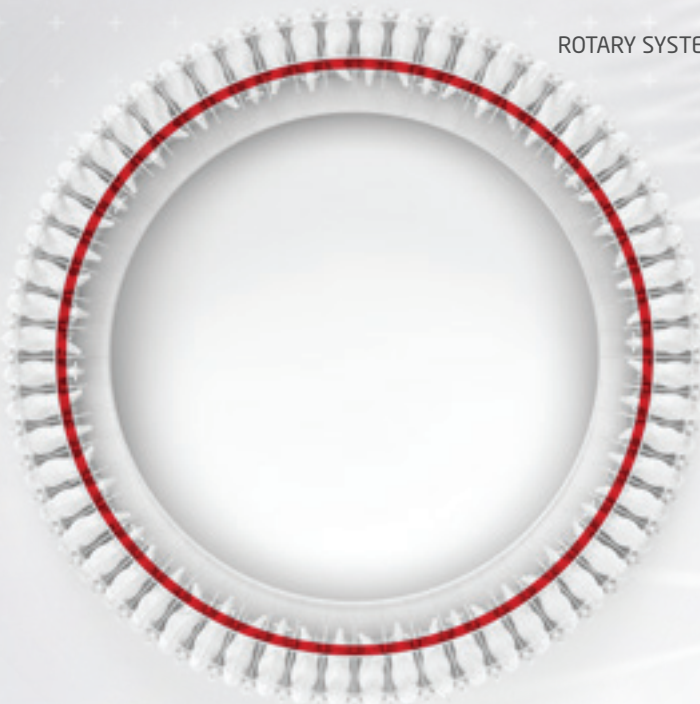


DairyHQ™ ID is an advanced animal identification system that reads an animal's RFID tag and assigns unique animal management numbers to milking points, streamlining in-bail feeding, and data collection during milking.

By accurately identifying and collecting precise data for each animal in the milking point, DairyHQ™ ID eliminates the need for the constant monitoring of each animal during milking and manual record-keeping.

The system makes data collection and management more efficient to enhance decision-making, increase efficiency and increase profitability. DairyHQ™ ID provides seamless integration into Waikato Milking Systems milking point controls, and features a modern user interface on a range of digital devices, and is designed in conjunction with farmers, for farmers.

ROTARY SYSTEM:



In a **rotary parlour**, animals pass under an RFID antenna, enabling the system to identify each animal and verify its location in the milking point, before transmitting data to the DairyHQ™ server for processing.

IN-LINE SYSTEM:



In a **parallel parlour**, antennas on each milking point enable the system to identify each animal and verify its location based on a number of consistent RFID tags reads, before transmitting data to the DairyHQ™ server for processing.

FEED CUSTOMISATION IMPROVES HEALTH, GROWTH, AND MILK PRODUCTION



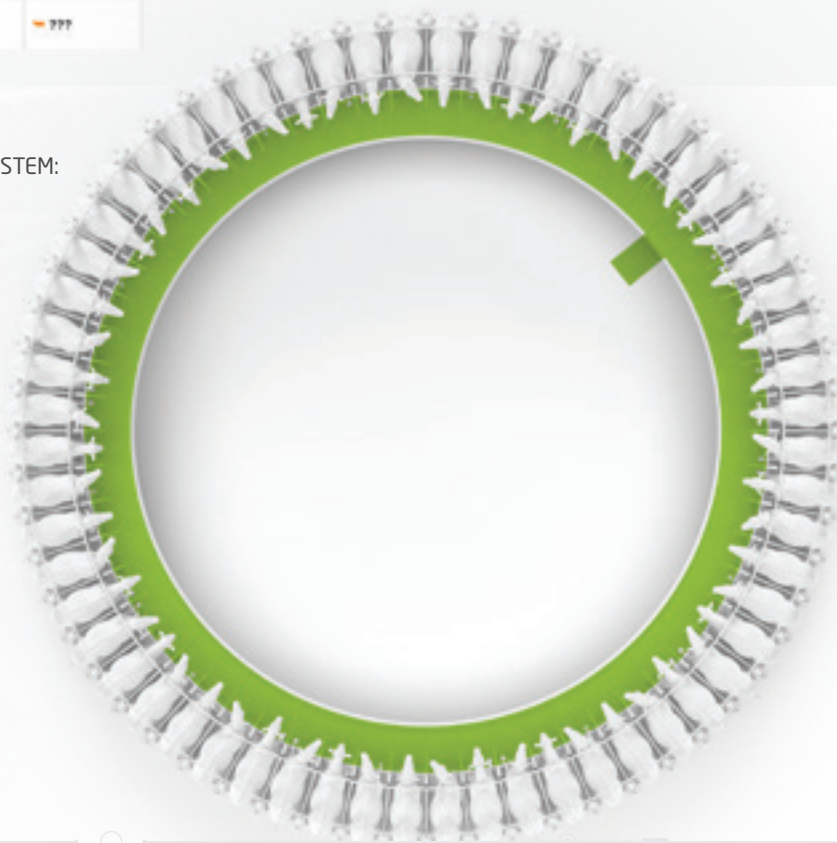
DairyHQ™ FEED provides feed allocation to individual animals based on animal-specific parameters to ensure efficient feed utilisation to improve health, growth and milk production.

By identifying each animal from DairyHQ™ ID data, the system extracts each animal's allocated feed ration and dispenses the correct feed recipe to the animal. This prevents the wasteful inefficiency of blanket feeding that overlooks individual animals' needs. DairyHQ™ FEED's customised feed rations based on specific groupings maximises feed budgets. It also allows adjustments, especially during adverse weather conditions, leading to enhanced production and improved animal health. With native multi-feed type dispensing, intuitive feed head calibration, and comprehensive feed reporting, DairyHQ™ FEED allows for the seamless management of up to six types of feed. The 24V DC outputs interface with feed head control contactors ensuring precise operation. Standalone blanket feeding is available in the event of the system going offline.

| | | | | |
|-----|-----|-----|-----|-----|
| 8 | 13 | 35 | 84 | 117 |
| 122 | 147 | 155 | 243 | 246 |
| 283 | 274 | 297 | 308 | 321 |
| 344 | 367 | 399 | 400 | 423 |
| 447 | 502 | 777 | | |



ROTARY SYSTEM:



MONITOR YOUR COWS MILK PERFORMANCE AND OUTPUT



DairyHQ™ MILK collects detailed animal milking data from your milking machine and associates it with specific animals in your herd*, so you can monitor their milk performance and output. It then presents this information in a user-friendly format, making it easy for you to access and understand.

The system connects seamlessly with your Waikato Milking Systems automation equipment and communicates directly with the DairyHQ™ server via the DairyHQ™ MILK controller. As your cows are milked, various status messages are relayed to the DairyHQ™ server, such as milking start and end times, alerts, yield information, and more. DairyHQ™ captures and logs this data for each animal, creating a comprehensive picture of the milking process.

**Requires DairyHQ™ ID*

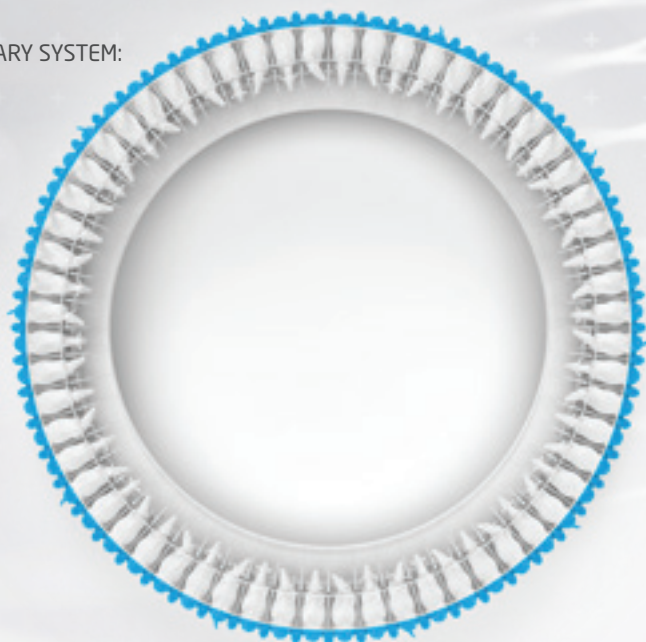
BETTER DATA, BETTER DECISIONS

A common challenge faced by dairy farmers is a lack of detailed milking information, including yield data and alerts. Additionally, relying solely on occasional herd testing for data may not provide a complete and up-to-date picture of animal production. DairyHQ™ MILK addresses these pain points by offering real-time, comprehensive data at your fingertips.

The comprehensive milking data provided by DairyHQ™ MILK allows you to make more informed decisions based on milking performance and animal health - including feeding, breeding, culling and assessing animal value. By transforming your decision-making process, you can optimise your farm management.

DairyHQ™ MILK provides seamless integration with existing Waikato Milking Systems milking point controllers, enhancing your milking data management experience. The system also features a high-speed wireless link from the server to the inside of the rotary, ensuring fast and efficient data transfer. With DairyHQ™ MILK you can consistently monitor milking hardware for errors, so you can proactively manage plant maintenance.

ROTARY SYSTEM:



IN-LINE SYSTEM:



REAL-TIME MONITORING OF MILK OUTPUTS MEANS MORE EFFICIENT PARLOUR MANAGEMENT

COMPREHENSIVE REPORTING, AT YOUR FINGERTIPS

DairyHQ™ MILK equips dairy farmers with a robust suite of key reporting features that are important for making informed decisions to optimise your milking performance, animal health and farm management.

- Low producers
- High producers
- Daily Average
- 7 Day Average
- Milk Conductivity Alert (Health / SmartD-TECT)
- Milking Time
- Filtered by Group (or Multiple Groups)



HARDWARE TO ADD:



ELECTRONIC MILK METER

The Waikato Electronic Milk Meter provides you with information on the performance of your cows to deliver an accurate and clear picture of how each animal is performing, at every milking.



YIELD INDICATOR

The Waikato Milking Systems Yield Indicator is a cost-effective unit that measures your milk volume, allowing you to monitor every animal's milking performance to improve your herd management decisions.



SMARTD-TECT

The SmartD-TECT system offers intelligent quarter sampling and conductivity comparison for every animal during the initial milking phase. This established and efficient method enables the early detection of subclinical mastitis, promoting a healthier and more productive herd.

RELIABLE SORTING REDUCED LABOUR



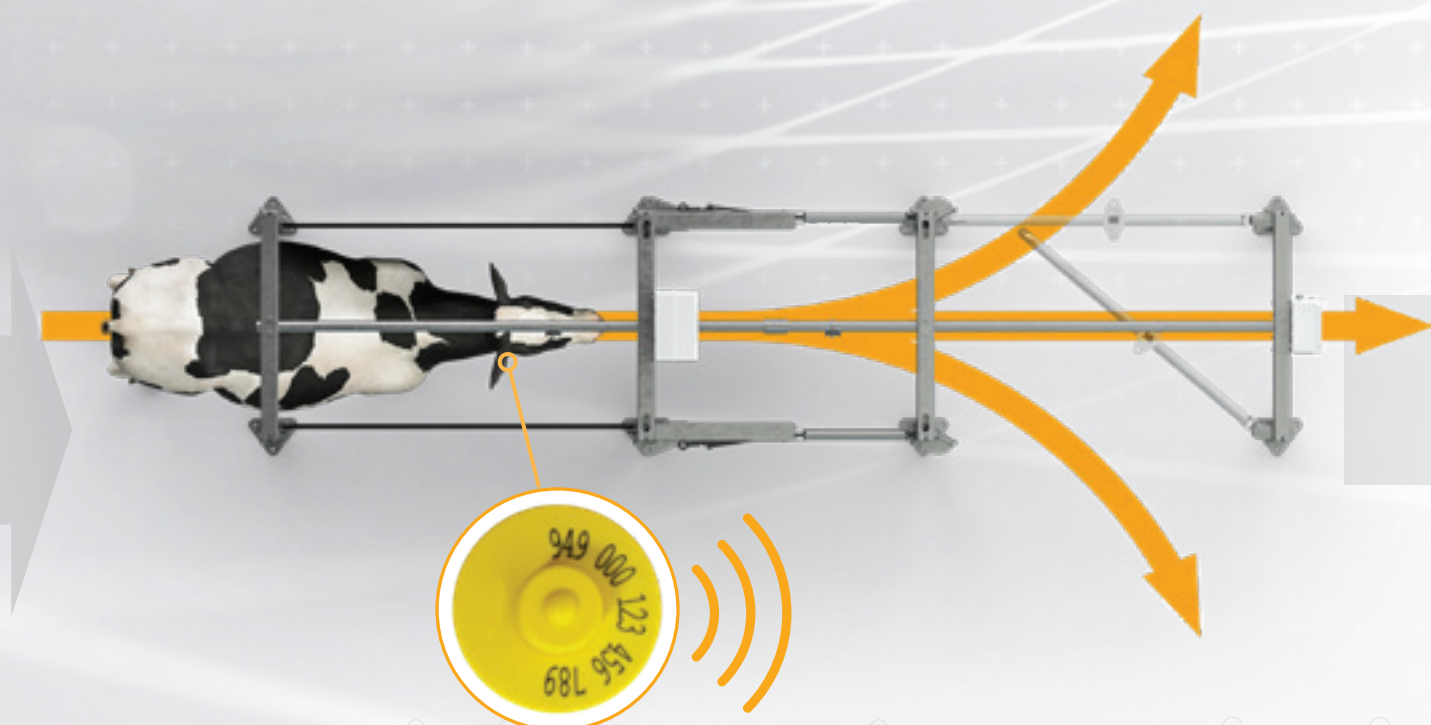
A key challenge farmers face is ensuring reliable animal sorting to avoid issues with poor mating spread and animal health caused by missing animals in the sort.

DairyHQ™ SORT effectively resolves these issues by providing reliable automatic sorting - which significantly reduces the labour required in the parlour. The system provides several benefits, including the ability to easily add animals to the sort list during milking, either through the user console or a mobile device. Head and/or health alert animals are also automatically added to the sort list via the CowTRAQ™ interface.

DairyHQ™ SORT also allows for the easy importing of CSV sorting lists for larger sorts, making it a versatile solution for your farm.

The DairyHQ™ SORT system allows you to:

- Create a sort function to automatically hold selected animals for health reasons, or for culling.
- Schedule animals to be sorted on a specific date and milking session.
- Select specific groups of animals to be sorted.
- Automatically sort animals that present at milking with faulty, or no identification tags, so they can be replaced.
- Sort animals with new identification tags that are not registered with your farm's herd database.
- Detect which animals in your herd were not present at milking time via the sort report.
- Apply a quick sort to a cow using the "Sort ASAP" feature if a cow presents with a problem and needs to be held for inspection at the end of milking - bypassing the need to set a date and reason for the sort.



AUTOMATING COW SORTING, FREES UP RESOURCES FOR MORE EFFICIENT FARM MANAGEMENT.

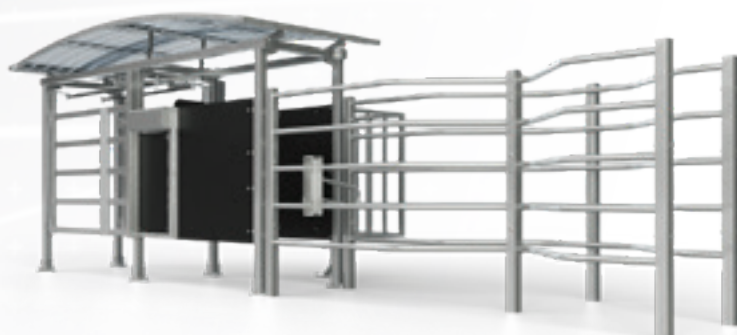
TWO RELIABLE SORTING SYSTEMS TO CHOOSE FROM

DairyHQ™ SORT provides two options for sort gates: the mid-level Sort Gate 2600, and the premium-level, heavy-duty Sort Gate 5500. The system provides visual indications for gate status and ID verification, and a wireless remote control is included as a standard feature.



SORT GATE 2600

The Waikato Milking Systems Sort Gate 2600 is a robust solution, that offers reliable and precise drafting for small to medium pastoral farming setups. Its cost-effective design incorporates 3-way drafting and stop gate control, allowing users to efficiently separate cows into two distinct treatment or evaluation areas. Crafted with high-quality hot-dip galvanized steel, weatherproof panelling, and high quality electronic and control components, the Sort Gate 2600 ensures durability over time. It's the practical choice for the modern farmer looking for efficiency in sorting gates.

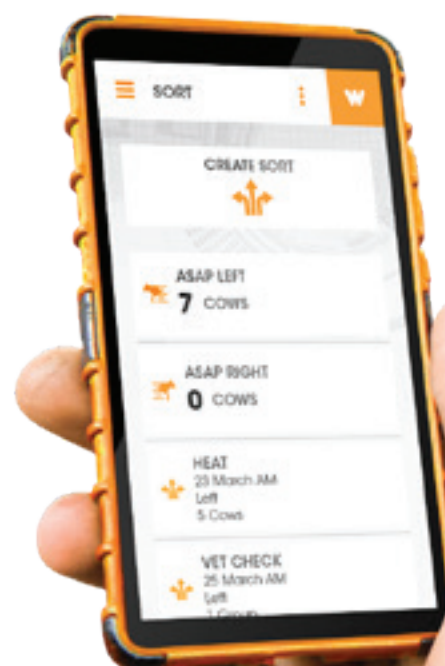


SORT GATE 5500

The Sort Gate 5500 is the premium-level system for sorting large cow breeds on larger-scale dairy farms. Taller than our other models, the system is constructed from heavy-duty galvanised steel for strength and durability. Featuring a double-acting gate, the system provides more room for cows to turn and better cow flow through to the correct sort area. The pneumatic gates are fast opening to reduce the risk of catching on a fast-moving animal, while providing a quiet working environment. **Image depicts all options.*

Options:

Weather Protection Roof | Entry Chicane | Backing Gate | Animal Guide Flap



A COMPLETE VISUAL OVERVIEW OF YOUR ROTARY

DAIRYHQ™, THE INTELLIGENCE BEHIND YOUR DAIRY AUTOMATION

The DairyHQ™ Parlour Management System provides you with intelligent and adaptive automation to drive your milking productivity and performance.

The DairyHQ™ Parlour Management System has been designed to provide you with the intelligence to drive your Waikato Milking automation and improve your parlour management, with a simple and intuitive user experience.

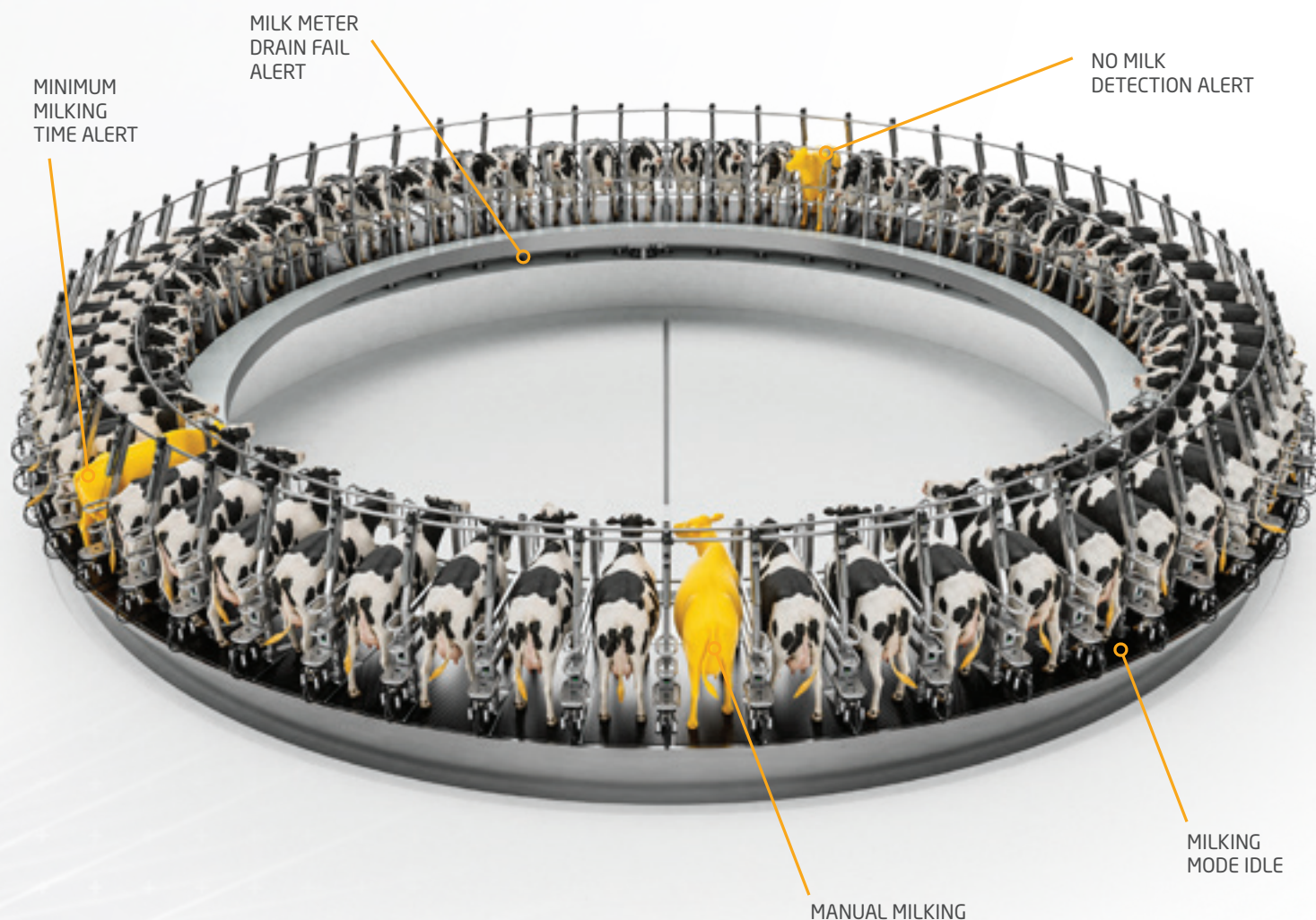
TAKE CONTROL OF YOUR MILKING MACHINE WITH DAIRYHQ™

The DairyHQ™ Parlour Management System allows you to make adjustments and fine tune your milking machine to optimise it for your farm's unique requirements - using almost any wireless device.



Features include:

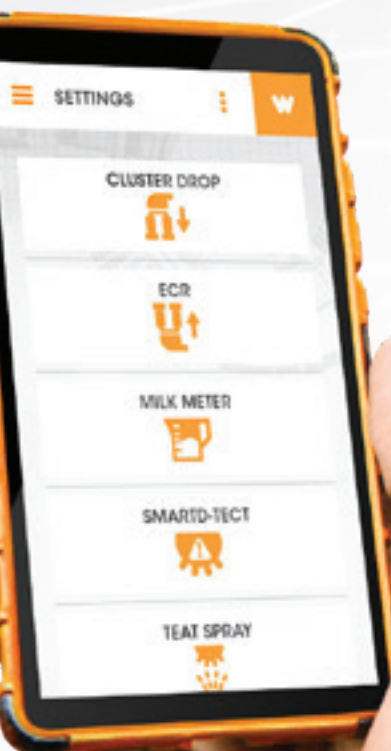
- | | |
|-------------------------|-------------------------|
| Air Sweep Delay | Milk/Wash Mode |
| Air Sweep Time | Retention Bar Delay |
| Fixed Position Take-Off | Sensor Sensitivity |
| Flow Value Detection | Take-Off Delay |
| Let Down Delay | Auto Cluster Drop Mode |
| Maximum Milking Time | Auto Park Delay |
| Minimum Milking Time | Auto Park to Idle Delay |



REAL-TIME MILKING ALERTS WITH DAIRY VIEW

The unique Dairy View feature in DairyHQ™ allows you to monitor and view the entire platform with real-time milking alerts and status to indicate potential issues or warnings.

The simple touch-screen interface has been designed with large buttons and bold type for ease-of-use in a real-world dairy environment.



Disclaimer: Not all DairyHQ™ modules and features are available for all milking sheds configurations. Please consult your local Waikato Milking Systems dealer for the solution that suits your milking requirements.



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Growing the value of precision dairy farming