MILKHUB®

Simply Clever Milking Management.

Dairy automation and herd management solutions.

Let's talk.

0800 Milktech (0800 645 583)
0508 MilkHub (0508 645 548)



NEW ZEALAND MADE®

MILKTECHNZ®

Simply Clever Innovation.

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Juggling the many and varied demands of dairy farming?

Feed control, heats, treatment management, staff performance, shed maintenance, cull lists, drafting requirements – these are just some of the daily demands dairy farmers need to manage.

Without fast, accurate information it can be difficult to identify and manage key factors impacting the performance of your dairy herd.

MilkHub in-shed automation and online herd management solution

MilkHub is a dairy automation solution that can track performance and support your decisions. It comprises several modular components – EID herd tracking, auto drafting complemented with rotary solutions for feed control and in-bail identification. Information from each milking is collected and wirelessly transmitted to the MilkHub online herd management tool via an in-shed command unit and modem.

The information, managed in MilkHub, gives you knowledge about your cows allowing you to make better decisions so you can farm with confidence.

Results matter.





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Looking for new ways to improve your profitability?

Why automate?
Save time, reduce errors, act faster

Automation reduces risk and increases efficiency and productivity through the regular collection and reporting of individual cow, herd and shed activity.

Why online information management?
Portable, accessible, easy

24/7 access is managed through a web based cloud portal. No need to manage software upgrades or have a dedicated computer to house your information.

A good investment

Better management of your most important assets, your cows, enhances productivity and improves profitability. Prompt identification of poor animal performance empowers you to intervene early. Reducing staff errors saves time and money.

The benefits add up

Dairy automation systems can add significant savings to your bottom line.

Simple to use

The MilkHub dairy automation solution has been specifically designed with both farm managers and farm staff in mind. It provides easy to see information with clear informative graphics and flexibility to quickly set up action tasks online in MilkHub or in-shed through the Keypad.

Fast accurate information

MilkHub provides instant access to real-time information about each and every cow. With accurate in-shed data gathered at every milking, decision making becomes faster and more accurate. Human error is reduced. Cow and shed issues are quickly identified.

Remote management

MilkHub enables you to set up your in-shed drafting and other actions remotely anytime, anywhere. Online access means that multiple sites can be managed from a single location for greater efficiencies and visibility of the total operation.

Cost effective – build as you go!

MilktechNZ® has designed its MilkHub dairy automation and MilkHub Online Herd Management solution so it can be installed as a complete system or in modules – allowing you to build automation capabilities as required depending on priorities and budgets.

We enable you to gain the benefits of automation technology at the level and spend you're comfortable with at any given time. No rushing. No stretching.



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Online Herd Management

MilkHub Online Herd Management offers instant and easy access to your herd information for measurement based decision making.

Easily know what's going on with your herd through a range of preset reports or customise your own reports to suit your needs.

MilkHub integrates seamlessly with all MilktechNZ® in-shed hardware allowing you to have the information you need at your fingertips to take the actions that make a real difference on your farm.

Supported

MilktechNZ® offers complete backup support and service plans with telephone, online and in-field support and training. We also offer start of season WOF checks to make sure your automation system is ready to perform when milking kicks off.

Invest in a system that will solve your problems today as well as the ones you'll want solved in the future with MilkHub.

New Zealand owned, designed and manufactured.

MilktechNZ® MilkHub is proud to be New Zealand owned, designed, and manufactured. We pride ourselves on producing top quality products and services. We want to be setting the standard for New Zealand milking products and aim to be the best both nationally and internationally.

" The greatest advantage was we were able to do a lot of it out of cash flow over the last four years. We started with a drafting gate, then added keypads, feed controller and recently the broadcast screens."

– Tim Lovett, Farm Owner, Canterbury


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225

MILKHUB®

Online Herd Management Tool

At the heart of the dairy automation solution is MilkHub, a powerful online herd management tool giving you 24/7 access to reporting and task management.

All of the in-shed dairy modules integrate with MilkHub offering relevant reporting and analysis tools to support your automation functionalities.

MilkHub works as a single system to transfer information between your in-shed modules and online database to provide you with real time cow information and management. Tasks can be set in advance or as you determine giving greater flexibility, visibility and control of day to day in-shed management.

MilkHub provides customised reporting and built-in analysis systems to give you a faster, more accurate picture of how your cows, shed and staff are performing at any given time.

KEY BENEFITS

- Enables pro-active management of cow health, saving money on lost production, grading, treatments and vet costs – daily monitoring shows what is really happening
- Ensures you make the right decisions using the latest data automatically updated from what's going on in-shed
- Provides flexibility to sort and analyse information based on your own management style
- Gives you control and ownership over your data with no additional payments for reports

EXAMPLES OF WHAT OUR CUSTOMERS DO:

- Keep track of cow numbers and identify missing cows
- Determine cull lists with confidence based on multiple reports showing extended poor health and reproduction.

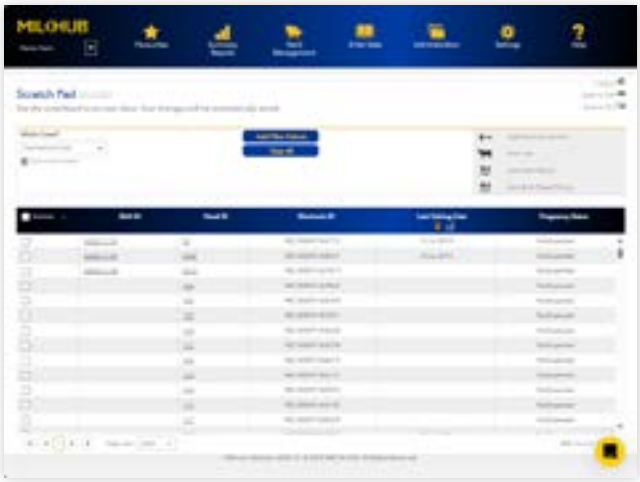


MAIN FEATURES

- Delivers daily cow information in real time both in-shed on display screens and online
- Displays numerous pre-set reports depending on installed modules e.g. missing cows, herd age distributions, submission rates
- Allows fully customisable advanced reporting to suit unique farming styles
- Favourite reports are dynamically updated every day
- Interface is intuitive and easy to navigate
- Data entry is quick and easy from online or in-shed
- Makes treatment recording straight forward from online or in-shed
- Enables alerts and automatic drafts to be pre-set for in-shed actions
- Informs and controls preferential feeding if in-bail feed controller installed
- Allows data export and import from other sources e.g. Minda, Insight, spreadsheets
- Secure database storage and backup.

" MilkHub has completely changed the way we farm. I like to be in control and have things how I want them so we've styled the way we use MilkHub for our farm. This way we make the best use of the resources we've got because we are in the business of farming for profit."
– Kerry Waters, Farm Manager, Taranaki





MILKHUB®

Auto Drafter

Fast, convenient, labour saving

Do you have EID and want to make full use of it? Want to be able to identify cows for drafting? Wish it was easier to find cows with damaged or missing EID tags without interrupting milking?

MilkHub Auto Drafter is the solution for you.

KEY BENEFITS

- Flexibility to set up and manage drafts from the shed or remotely, at any time
- Rapid and quiet gate movement promotes smooth cow flow and speeds up drafting
- Quickly find cows with damaged or missing EID tags
- Easily set up draft lists on any range of criteria such as suspected health problems e.g. observed lameness or weight loss in the field, high SCC from herd test
- Easily find cows previously drafted and draft again e.g. for follow up treatments
- Free up staff for other tasks or enabling reduction in labour requirements
- Instant online access through MilkHub to a range of cow data, reports and management tools

MAIN FEATURES

- A robust gate made from galvanised steel and designed specifically for long life in the dairy environment
- 3-way drafting options – to the left, right or centre of the exit race
- Keypad enables individual drafting or in-shed draft set ups
- Push button controller can be used from a range of positions within the shed to draft cows
- EID panel reader identifies individual cows as they move through the exit race; all movements are recorded in MilkHub
- Reader and antenna is installed on right side of race, second antenna can be installed on left side if required
- Connected in real time and fully integrated with the MilkHub Online Herd Management tool

COMPONENTS

- A pneumatically powered, galvanized steel draft gate with 3-way action
- EID panel reader installed in the exit race protected by a slim-line galvanized steel reader shield to prevent cows being read from behind the antenna
- In-shed hand held gate controller
- In-shed command unit and cloud connection
- MilkHub Online Herd Management tool

SHED SUITABILITY

Rotary or herringbone

EXTENSION OPTIONS

- Additional keypad
- Wireless gate controller
- In-shed display screens
- Rotary In-bail Identification
- Rotary In-bail Feed Controller

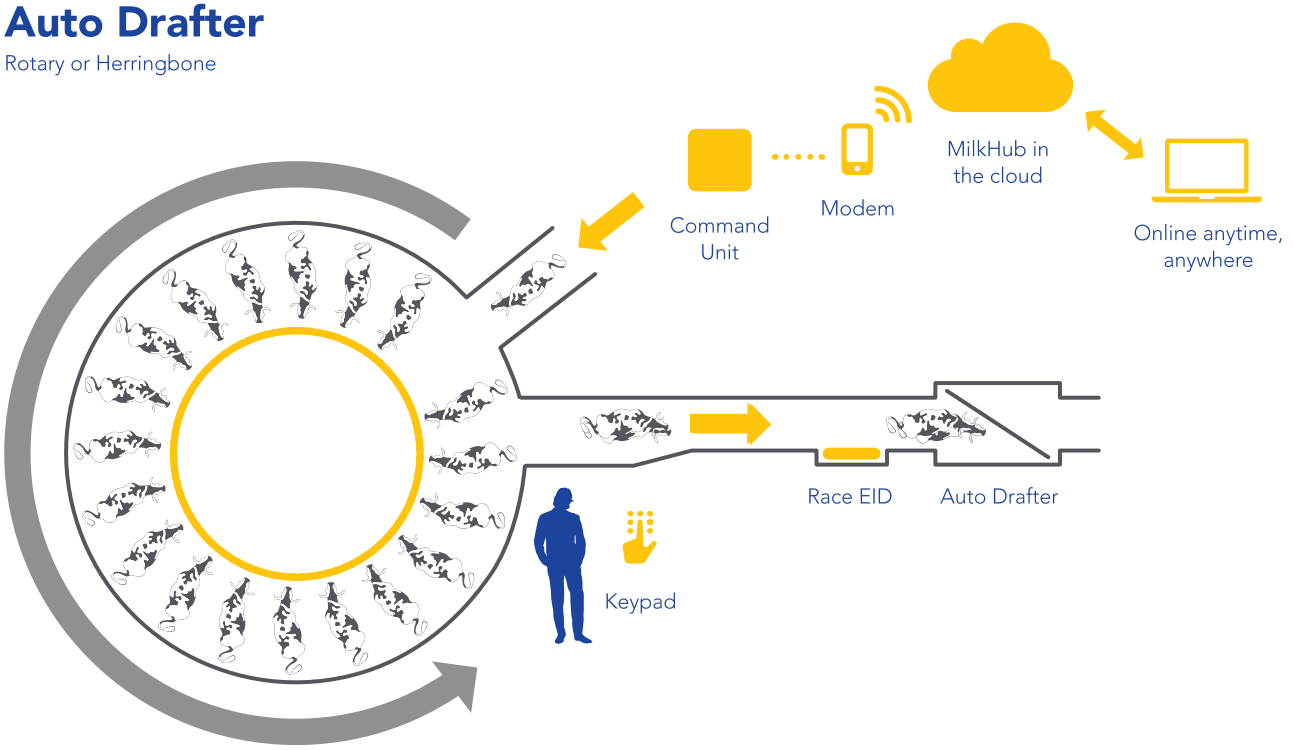


" Auto Drafter takes away the staff error. If I see any problems at all, I can just do it here on my computer, or in the shed before milking or anytime and that cow is separated straight away."

– Gary Armstrong, Sharemilker, Taupo

Auto Drafter

Rotary or Herringbone



MILKHUB®

In-bail Identification

Do you want to make full use of EID in the shed? To know which cow is in front of you on the rotary and be sure you know what treatments, alerts and withholds they have against them?

Be capable of setting alerts, making notes and creating groups while in the shed or online from anywhere?

The MilkHub In-bail Identification module could be the solution for you.

KEY BENEFITS

- Accurately record cow numbers at each milking for:
  - Tracking total herd numbers and identifying herd groups
  - Identifying missing cows
- Easily identify individual cows in bail and see details or alerts on a large display screen
- Easily identify and set alerts for withholds
- Manage and record treatments for individuals or groups from the keypad or online
- Automatically identify new EID tags when new cows arrive on farm
- Check on milking times and cow order
- Build herd history in MilkHub for ongoing herd management and decision making support

MAIN FEATURES

- In-bail EID antenna reads cow in the bail.
- Large display screen presents the cow at your location, at cups on or cups off or vet platform
- Keypad enables data entry by bail or visual tag
- Connected in real time and fully integrated with the MilkHub Online Herd Management tool

COMPONENTS

- EID panel reader installed above the bail on the platform
- Large display screen and keypad installed at cups on or cups off
- In-shed command unit and cloud connection.

SHED SUITABILITY

Rotary

EXTENSION OPTIONS

- Additional keypad
- Additional in-shed display screen
- Automatic drafting
- Feed Control
- Rotary In-bail Feed Controller

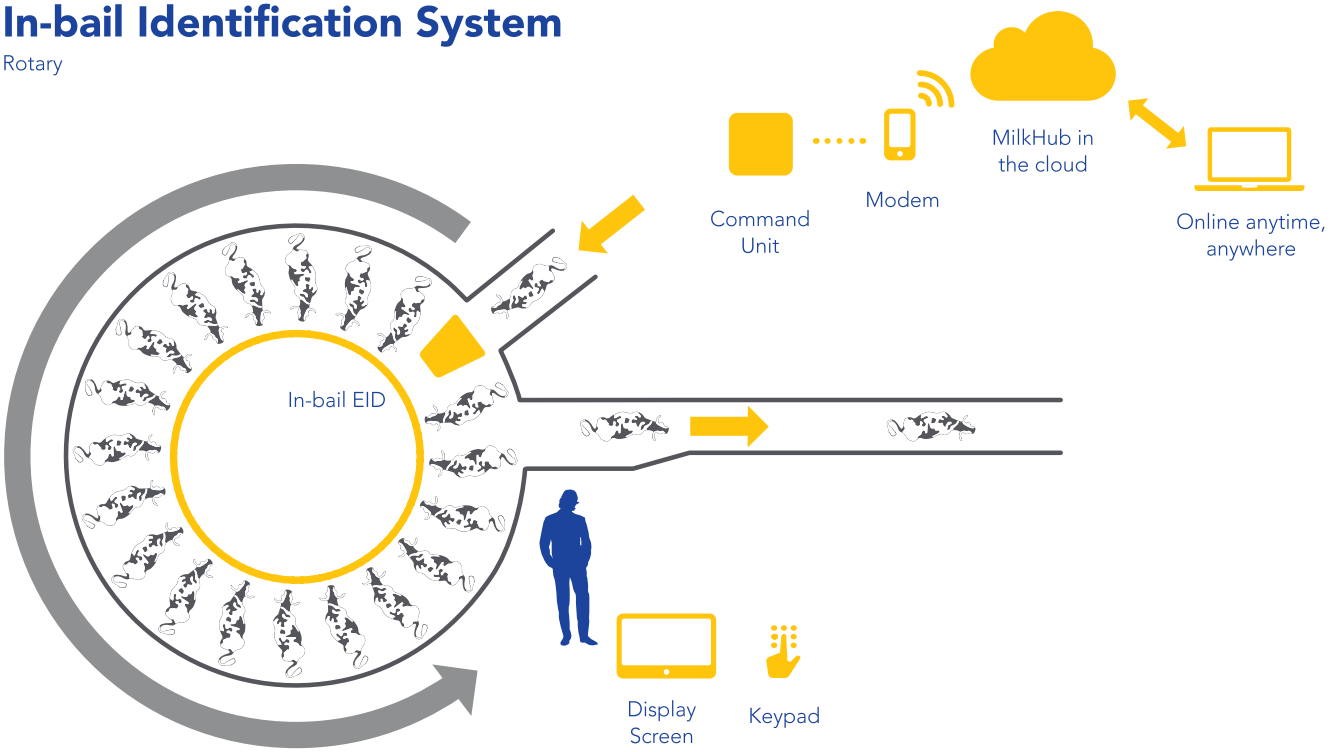




" MilkHub's been a great tool for us and the staff find it simple to use. It helps the boss keep track of what's going on from his end, and [with Auto Drafter] you can even book drafts while you're on holiday! "
– Marty Axtens, Contract Milker, Southland

In-bail Identification System

Rotary



MILKHUB®

Feed Control

Manage individual cow feed for production optimisation

Are you looking to control and monitor feed with greater accuracy? Would the ability to set up preferential feeding be of value? Want to ensure supplements make it to the right cow or group of cows?

The MilkHub Feed Control Module with In-bail Identification and the MilkHub Online Herd Management tool could be just the solution for you.

This on-platform feed controller manages the delivery of supplementary feed to individual cows, matching EID ear tags with the feed instructions you have loaded into MilkHub.



KEY BENEFITS

- Preferentially feed selected individual cows or cow groups based on own criteria or those available in MilkHub such as condition scores, age, post calving, pre-mating etc
- Flexibility to set up feed delivery rules and change online in MilkHub at any time
- Saves feed by not feeding repeat cows twice
- Ensures the best return for supplementary feed dollars and reduces waste
- Enables feeding regimes to be changed quickly and easily to manage condition changes such as weather
- Records individual cows at each milking for tracking herd numbers and identifying missing cows

MAIN FEATURES

- Over platform EID antenna and reader technology identifies and records individual cows by EID as they come onto the rotary platform
- Works with any third party hardware for delivery of feeding in bail
- Feed Controller supports up to four feed heads, liquid, grain or pellets
- Feed delivery can be controlled to .3 second
- Feed allocations can be changed online in MilkHub
- Connected in real time and fully integrated with the MilkHub Online Herd Management tool

COMPONENTS

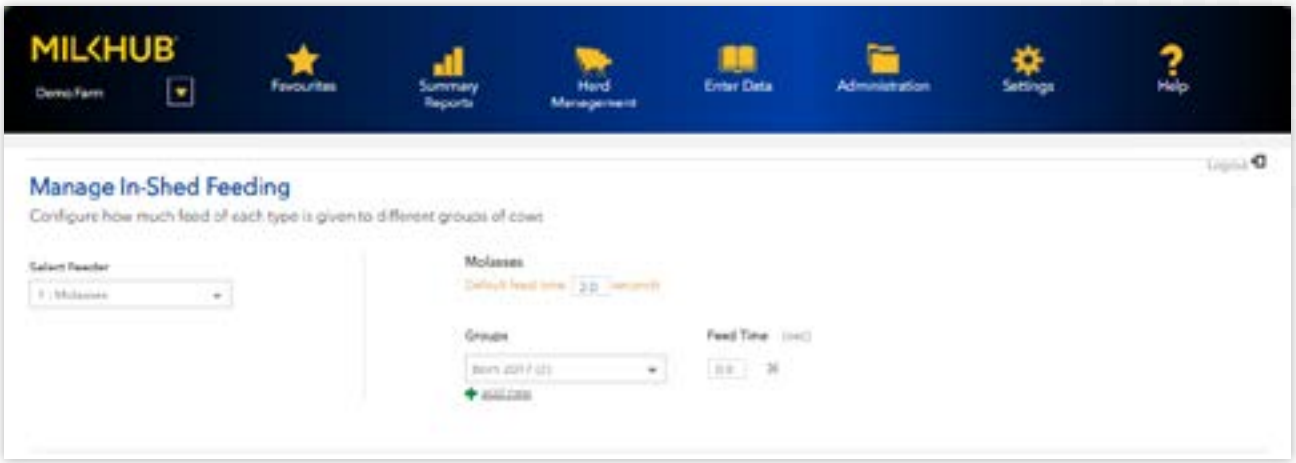
- In-bail cow EID
- Feed Controller
- In-shed command unit and cellular connection
- Online connection to the MilkHub Herd Management tool

SHED SUITABILITY

Rotary

EXTENSION OPTIONS

- Automatic drafting
- In-shed display screen

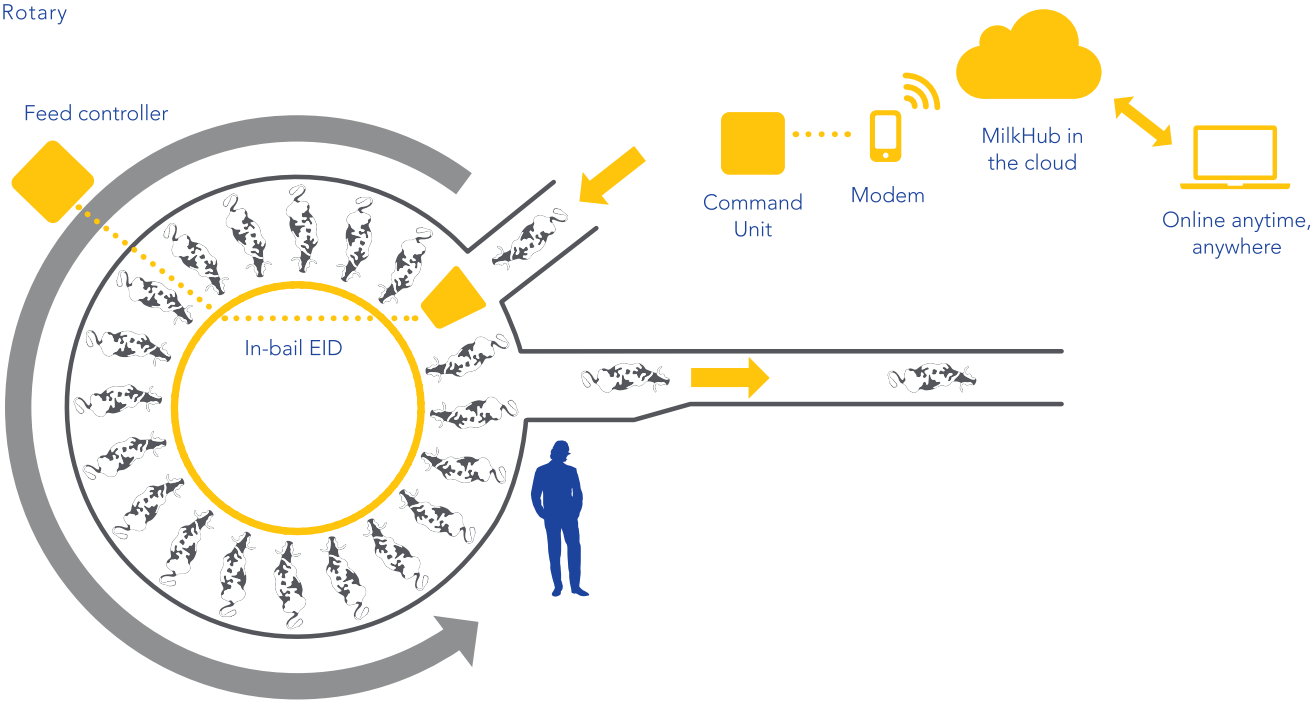


" MilkHub tells us who the good cows are. You can't change the genetics of the cow – you've got what you've got. But you can manipulate the production and fat and protein with feed. Our cows are well fed and good producers. We're doing 34 litres per cow on average right now."

– Kerry Waters, Farm Manager, Waitara

Feed Control System

Rotary



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Services and support

Automation is a big decision and can be an even bigger change!

Besides the cost, there is the need to fully understand the purchase and have a realistic understanding of the overall performance of the product and what it will deliver. What support can you expect? Have you factored in service response times? Are there ongoing costs, such as subscription fees? What about software upgrades? Will the system even work in your shed? Do I need to make any changes to the shed?

Never fear! Our flexible Service and Support team have the answers. Just arrange a visit and we will give you the honest answers you are looking for.

Our aim is to build a firm, lasting relationship ensuring that you are investing for value.

Installation

Installation of your selected module or full system is included in the purchase price and is carried out by our approved qualified installers. Any engineering and electrical will be for you to arrange.

Training

Once installed, our Trainer will provide training for you and your staff to get you up and running.

With the MilkHub Online Herd Management tool, we'll make sure you can do the key tasks needed to manage your herd and review performance information online. We will then give you the tools to increase your knowledge and ability at your own pace.

We offer refresher training sessions to help with staff change management. Training can be customised to meet your specific focus areas.

Support

Experienced technical support staff can be accessed by phone and email to answer any queries you may have with MilkHub. They can also access your system and diagnose faults and or identify maintenance requirements with any of your automation modules. If the problem cannot be resolved over the phone or internet, we'll arrange a technician to visit your farm to help resolve the issue.

Services

Additional services include pre season WOF checks to make sure your in-shed automation is working as it should before the start of each season.

We also offer customised reporting to suit your individual business requirements.

To access our range of services and support, simply call **0800 Milktech** (0800 645 583) or **0508 MilkHub** (0508 645 548) or visit the MilktechNZ® **website at milktechnz.com**

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Accessories

Large display screen

- Presents individual cow information on easy to read 81 cm high definition screen, replicating the rotary platform
- Displays and alerts for health checking, withholding, treatments, AB and other actions
- Displays keypad prompts with full menu for quick cow data entry and auto drafting



Small display screen

- Presents cow information on easy to read 48 cm high definition screen
- Designed for herringbone pit; also works as second screen in rotary shed
- Herringbone software displays individual cow details for health checking, withholding, treatments, AB and other actions.
- Displays keypad prompts for quick cow data entry and auto drafting



Keypad

- Select cows by VID or bail number (in rotary) and enter action or event e.g. drafting, alerts, treatments
- Record events in-shed e.g. heats, AB, PD
- Operates with large and small display screen
- Controls configurability of display screen





MILKHUB®

Contact us.
We're not far away.

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