

DeLaval Parlour Range

A System Approach

A man with grey hair, wearing a blue and black work suit and black rubber boots, stands with his arms crossed in a dairy parlour. The background shows metal railings and equipment. A large blue ribbon graphic loops around him, with a large blue arrow pointing left. The text "IT ALL REVOLVES AROUND YOU" is written in white on the arrow.

**IT ALL REVOLVES
AROUND YOU**

 **DeLaval**

IT ALL REVOLVES AROUND YOU

Throughput is the fast lane to profitability: if you want to achieve smooth cow-flow and fast milk let-down, cows must feel relaxed in the parlour. Our extensive research and development helps ensure a fast, efficient and thorough milking process from the moment your cows enter the milking parlour until the moment they leave.

DeLaval offers a range of parlours that are adapted to the needs of you and your farm. Every parlour is designed so you and your animals are comfortable and safe at all times.

At DeLaval, we help you achieve fast throughput by helping to ensure cow traffic runs smoothly, milking equipment performs optimally, and that milking is fast and effective. In this way, you can maximise throughput and milk yield, while minimizing costs per litre of milk.

With the help of our parlour range, dairy farmers around the world are producing high quality milk, effectively – parlours that are reliable with a proven track-record.





DeLaval

DeLaval

The more relaxed the cow, the faster the cow-flow.

PARALLEL PARLOUR

DeLaval P100



A parlour that is not only easy to operate, but easy to plan and install, easy to maintain.

DeLaval P100 parlours are modular and able to fit into the footprint of your existing barn or new build. So if you're looking for flexibility, as well as the latest in milking technology, we're sure there's a P100 to suit your plans.

Space saving
conventional
exit

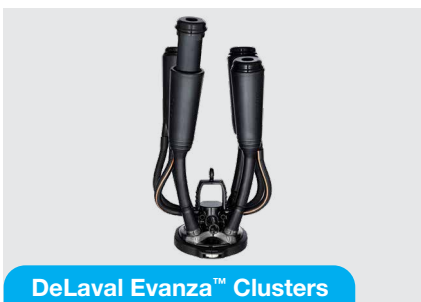
Suspended
sequence gates
and adjustable
breastrail for
better farm
operation

KEY FEATURES

DeLaval EasyMilk™

Whether you're looking for a swing over or a double up, the P100 is optimised for ease of operation and milker comfort with its wide alley, comfortable milking position, specially designed butt pan and high visibility from the pit.

Compatible with state-of-the-art DeLaval Evanza™ clusters, system connected InParlour Feeding and DeLaval Flow-Responsive™ Milking your P100 can help you extract more milk, in less time whilst unlocking more efficient, less stressful routines for milkers.



DeLaval Evanza™ Clusters



High Visibility



InParlour Feeding



Ideal solution for **MidiLine** farms

Perfect parlour for **retrofit** farms

Straight rump rail or specially designed butt pan with gutter options

Modular design **easy to fit** your space

Up to **45%*** less surface to be cleaned

Cow and milker **comfort**

* Compared to parallel parlour with fast exit

DeLaval does not claim that these results are typical and this information does not constitute a warranty nor guarantee of service. Actual performance and improvement will depend on a number of factors, including prior milking practices, type of cows, farm and herd maintenance practices.

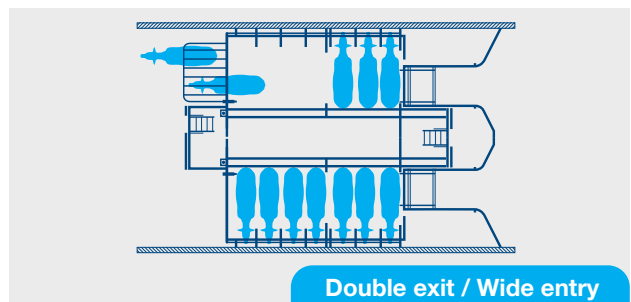
DeLaval EasyFit™

DeLaval P100 parlours are modular and able to fit into the footprint of your existing barn or new build. With 1x3 to 2x40 options, designing a P100 to fit your space is easy. Speed up your milking time and make life easy in your brand new or retrofitted milking environment.



DeLaval EasyFlow™

Featuring a wide entry and double exit, cows move smoothly through the P100, and with its adjustable breastrail and sequence gates clearly defining the space for each cow, parlour loading is seamless, so your cows stay comfortable and relaxed.



PARALLEL PARLOUR

DeLaval P300



With the flexibility to match your herd, farm and budget.

DeLaval P300 is ideal for family farms and operations with expanding herds. DeLaval P300, with its swing-up exit, gives you the flexibility to tailor a parlour that matches your needs: for your herd, your barn and the way you work. Even the neck-rails can be adjusted to accommodate different cow types and sizes.

**Strong
robust
parlour**

**Excellent
cow comfort
thanks to
neck-rail
design**

**Gang-Exit™,
Gang-Index™,
All-Exit™,
All-Index™ and
Exit plus™**

KEY FEATURES

FastFlow

The wide entrance lane with sliding entrance gate encourages faster loading of cows. The well designed front exit creates generous space from the rump rail to the sequence gates. This makes it comfortable and easy for cows to turn into their milking place.



Easy Parlour Access

SwingUp - Open Bottom Neck-Rail

Uniquely designed with an understanding of how cows move - entering in a natural position, not having to lift their head above a bar or into a frame. This means fast loading - and higher throughput. They are also fully-adjustable to accommodate different cow types and sizes.




Natural Position During Milking



**Extra wide
entrance
lane**



**Comfortable
cow position**



**Easy to
operate and
clean**



**Quick entry,
easy turning.
Fast loading
of cows**



**Adjustable to
herd size**



**Sliding
entrance
gate for cow
comfort and
operator
safety**



**Buttpan with
kick-off
protection**

Gang-Index

Air-powered indexing - gently but firmly positions each cow for consistent indexing, better udder prep and more comfortable attachment. Saving the operator time whilst also providing more comfort and greater safety. Fully adjustable to find comfort and performance balance.



ComfortPlace

The natural position continues through the exit. There is no need for any cow to lift their head above a barrier while exiting. This makes for fast exiting and high throughput. Exiting of all cows on each side with one push of a button also helps save operator time.



PARALLEL PARLOUR

DeLaval P500



The most advanced parallel parlour we have ever created. Get Ready for Synchronized Milking.

The DeLaval Parlour P500 represents the most significant evolution of parallel parlours. It is more than just a series of little changes – it represents a whole new approach to the task of milking.

When everything works together your milking system delivers the smoothest, calmest, most complete process from entry to exit. That's why we call it synchronized milking.

Designed for
24/7
operation
on medium to
large farms

Cow Comfort
Sequence Gates
removed during
milking

Up to
***30%**
reduction in
overall platform
width

KEY FEATURES

DeLaval SynchroArc™

DeLaval SynchroArc™ is so much more than an open-bottom neck rail with no obstructions. It has been designed to increase milking routine efficiency with a smaller footprint and fewer vertical space requirements.



Open-Bottom Neck Rail

DeLaval SynchroSweep™

DeLaval SynchroSweep™ is the best sequence gate we have ever developed. Its independently controlled, non-overlapping sequence gates deliver a quieter milking process, improved cow flow and comfort, and can be removed during milking, reducing stress on cows and equipment.



Non-Overlapping Sequence Gates

Quieter
milking
environment*

3
cow flow
control
options

Robust,
low noise,
light weight
sequence gates
made from industrial
HDPE material

Up to
***56%**
reduction in exit cycle
time with DeLaval
SynchroSweep™

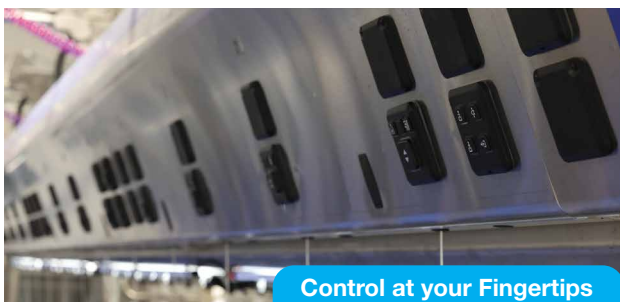
ZERO
obstructions at
cow exit

100"
(2540mm) max ceiling
height requirement for
DeLaval SynchroArc™

* Data collected on test farms and pilot farms. Data compared to DeLaval HD Parlour Results may vary and are not guaranteed.

DeLaval SynchroControl™

DeLaval SynchroControl™ provides more technology, more functions and more information so that your parlour can be operated safely, comfortably and efficiently.



Control at your Fingertips

One Touch Exit

With Exit Plus, the entrance gate, DeLaval SynchroSweep™ and DeLaval SynchroArc™ are controlled automatically.

This fully automatic process means that the milker can focus getting ready to milk the next group.



Automated Exit Sequence

HERRINGBONE PARLOUR

DeLaval HB50

DeLaval HB50 offers even better cow positioning, operator comfort and durability. Optimal cow positioning, closer to the milker, makes it safer and more comfortable to milk, while increased size of key components has added to the overall strength and life of the parlour.

DeLaval HB50 can fit many existing layouts, making installation simple and economical. The conventional exit from DeLaval HB50 doesn't need a wide building in order to fit so it is ideal for renovating your existing HB30 or tandem building. It allows you to fit more stalls to milk your herd faster without having to completely rebuild. Conventional exit also allows you to install feed mangers for in-parlour feeding.

Wide entry
improves
cow flow

Ideal for
retrofit
installations

KEY FEATURES

PerfectProcess

We have stall sizes to suit Jersey and cross breed cows. With improved nutrition and breeding the average size of cows continues to increase. A new parlour stall needs to cater for cow size increases over 15 to 20 years. DeLaval HB50 stall has 800mm and 760mm cow center spacing to give bigger cows high comfort, while still offering a comfortable two metre wide pit.



PerfectMix

DeLaval HB50 is already renowned for its durability but now it is even stronger because the stall's rump rail and frame components are made from heavy duty steel tubing. An optional suspended beam frame adds further strength and longevity. This stronger beam frame gives added rigidity for bigger parlours, and is optional for smaller ones.



**Cows are
milked through
the rear
legs**

**Perfect cow
comfort and
cow visibility**

**Excellent
milker
comfort**

**Compatible with
DeLaval MidiLine™
Swingover
System**

**Strong
and durable
design**

**Conventional
exit saves
building
space**

PerfectComfort

Operator safety is prioritized in DeLaval HB50. With no posts between the cows, there's no risk of the milker's arm being kicked against a post. With the cow close to the pit and the kick rail closer to the cow, the udder is easy to reach. This speeds up cluster attachment while

reducing the risk of back strain, and there is less chance of the cow kicking back. A heavy, galvanized steel pit edge with a blue plastic edging is now standard in DeLaval HB50. This creates a warm, soft surface for the operator to lean against or to move along.



DeLaval swing over system - MidiLine™ ML3100

Parallel or Herringbone - DeLaval MidiLine™ can easily be fitted on new or existing parlours - for an economical and cost-effective swing over solution.

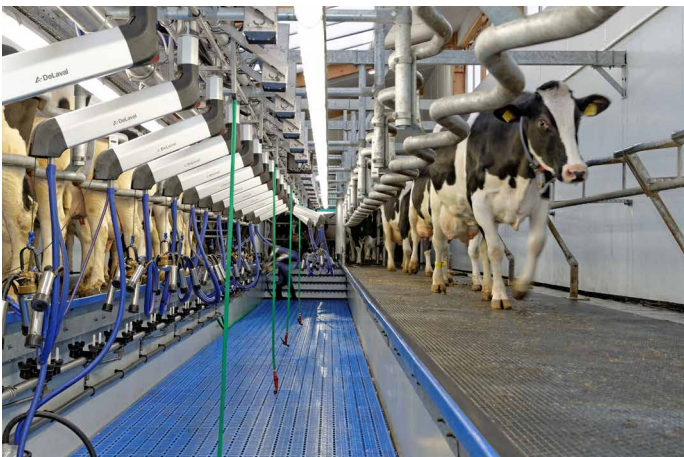
- Cost-effective and cluster efficient
- Modular design for flexible and fast installation
- Swing over arm for good cluster alignment

Excellent
milker
comfort

Strong
and durable
design

Conventional
exit saves
building
space

ADD VALUE WITH AUTOMATION



DeLaval MidiLine™ ML3100

With DeLaval MidiLine™ milking systems, you can add automation as you go.

With DeLaval MidiLine™ milking systems, you can add automation as you go, from simple to full herd management connectivity with ML3100, the choice is yours.

Get more done with DeLaval MidiLine™ ML3100

High-end design. Top-tier efficiency

The sleek, ultramodern lines of the new DeLaval MidiLine™ ML3100 are a reflection of its advanced farm management capabilities. In other words, not only is it a pleasure to look at, but because it's packed with timesaving options, it's also a pleasure to work with.

Easy to use

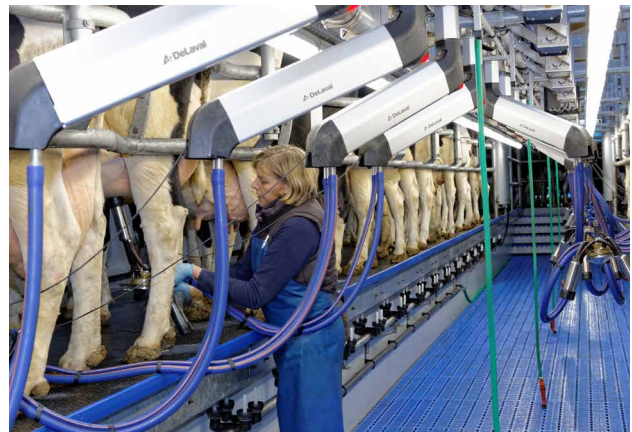
The entire Parlour range is compatible with our state-of-the-art DeLaval Eanza™ clusters. Designed to help you extract more milk, in less time whilst unlocking more efficient, less stressful routines for milkers.

Easy to maintain

The design of the swing-over arm helps fast and easy maintenance. With plug-and-play replacement of wearing parts, you can finish routine maintenance tasks in a matter of minutes. DeLaval ML3100 is also easy to keep clean thanks to its sleek housing.

More management – more cows

Many farmers are increasing the size of their herds. Others simply want to reduce milking times. Whatever your needs, DeLaval MidiLine™ ML3100 – with its wide choice of farm management options – can help you get more done faster. With DeLaval ML3100, you decide on the level of management automation that suits you. As your herd grows, you can increase the level step by step: from automated cluster removal, to full integration with DeLaval DelPro™ Farm Manager.



Automations made easy with DeLaval MidiLine™

- DeLaval ID system automates cow identification, collects data and registers actions.
- Milk metering provides accurate yield recording for individual cow management
- Sort gates identify and sort cows based on herd management decisions
- Automatic DeLaval body condition scoring
- BCS identifies incorrect feed balance
- Automated feeding reduces labour and optimises feed utilisation
- Activity metering enables 24/7 automated heat detection
- DeLaval DelPro™ Farm Manager provides the overview needed for making daily management decisions

Every cow where it needs to be

The days of spending hours every day manually pushing, fetching and sorting cows are gone thanks to the cow-traffic solutions available from DeLaval.

Automate selecting and sorting of cows

Less stressful for cows

Improve cow flow

Save up to **50%**

labour time sorting cows for milking*

More efficient worker routines

Reduce the risk of staff injuries

* Individual results may differ; information does not constitute warranty/guarantee of service or performance.

IT'S ALL ABOUT COW FLOW



Modern milking systems are able to milk more cows, faster than ever

The key to unlocking their potential is making sure your cow-traffic systems are able to move cows through those systems and back to barn where we want her, as quickly and safely as possible.

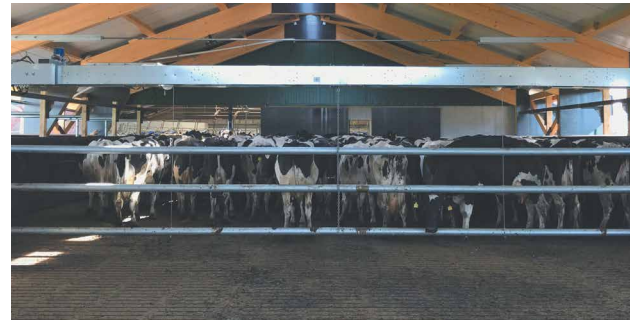


Pre-milking sort gate benefits:

A DeLaval Sort gate allows cows to be sorted automatically, which means you can separate colostrum cows and also separate cows needing treatment, protecting your valuable milk-quality without the need for scarce worker hours.

Post-milking sort gate benefits:

Every cow needs to be in the right place after it is finished milking, DeLaval sort gates make that a reality. Whether you are sorting them back into the correct feeding areas, separating cows for treatment, health checks, reproduction status or because an alert was triggered during milking; you can sort your cows without the need for worker involvement.



Crowd gate benefits:

Crowd gates are key to ensuring a consistent and efficient flow of cows in to any milking system. From one central place you can effectively manage the speed at which cows enter the milking area - without the need to physically be there, which is safer for cows and workers. Also enable having different groups of cows at the same in the same waiting area, without mixing them.



Cows go back in to their correct allocated groups automatically



Helps effectively manage and monitor animal welfare and reproduction outcomes



Safer for cows and workers

Taking a 360° view of your farm with DeLaval Cow-Traffic Systems



Farm Profitability

A more efficient use of time and labour as well as the potential to milk more cows.



Work Efficiency

Focus on productive tasks not fetching, pushing and sorting.



Animal Welfare

Smooth and calm, that's the key to automated cow traffic, it also helps ensure cows receive treatment.



Food Safety

Separate your cows according to their milk status.

A DeLaval Cow-Traffic system puts you at the centre, working with you - whatever cow traffic strategy you prefer.

DeLaval Flow-Responsive™ Milking

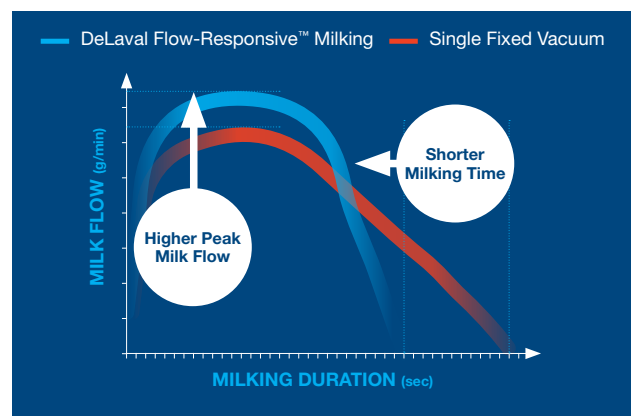
DeLaval Parlours are designed with movement in mind. Everything is about keeping your cows moving quickly, calmly and safely through a system designed to optimise effective operator hours per milking.

It's all about the Flow

A milking system that doesn't respond to the milk flow of cows is missing the opportunity to milk faster and to help you protect teat condition and animal welfare. With DeLaval Flow-Responsive™ Milking, your milking system can, for the first time, automatically adjust key parameters to better follow, and to better encourage the milk flow of your cows. Avoid the monovac efficiency gap by harnessing milk flow and go with the flow.

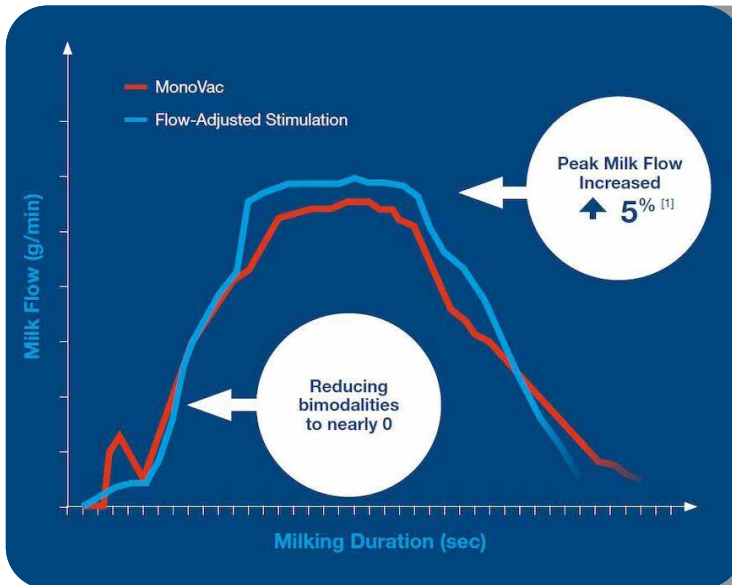
Why is it Better?

In the past, most milking systems available operated at one pulsation and vacuum level throughout each milking session. This monovac approach means an “average” vacuum level is set to reduce the inevitable gap between the cow's milk flow and the system's ability to extract that milk. Now there is a new way with DeLaval Flow-Responsive™ Milking. By more closely following the milk flow of your cows Flow-Responsive Milking is able to adjust the key milking parameters of vacuum and pulsation during each milking session. The outcome is a steeper, shorter milk flow profile.



FLOW-ADJUSTED STIMULATION

The ideal choice for any new or existing system and is suitable for both rotary and static parlours. Stimulation is performed with cups-on, allowing for faster milking and more efficient routines that may save labour and place less stress on milkers.

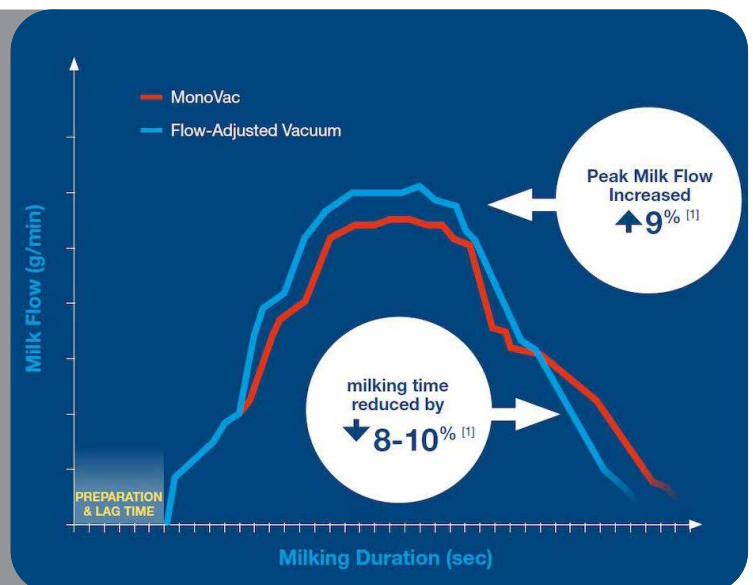


Under a monovac system, the vacuum and pulsation levels are set to be effective during the peak milk flow. This means that there was always a delay between stimulation and attachment to avoid the damage caused by high vacuum before oxytocin release and milk let-down. With DeLaval Flow-Responsive™ Milking that waiting period is no longer required. It means you can attach the cluster sooner and let the system manage the stimulation process for you, reducing bimodalities, assisting udder health, and in many cases making one-person milking a reality.

FLOW-ADJUSTED VACUUM

Designed to get the most from your herd. With improved milk flow, cows milk-out faster without compromising udder health – an ideal solution for larger operations.

DeLaval Flow-Adjusted vacuum speeds up your milk-extraction by lifting the vacuum level after stimulation is complete and high milk flow is available, and then reducing levels again once high flow has ended. This ability to adjust vacuum levels helps you to avoid the inevitable trade-off between udder health and productivity that is created by a fixed vacuum level that is either too high or not high enough at any one point in the milking process.



*Compatible with DeLaval milking point MPC580 and MPC680 onwards, For Flow-Adjusted Vacuum an internet connection is required.

* Flow-Adjusted Vacuum for MidiLine milking system is not yet supported, Will be supported in the future.

Get even more out of your DeLaval Parlour milking system

When you invest in a DeLaval Parlour, you not only acquire a fully integrated system – you also integrate your farm into our eco-system of innovative products and services designed to maximise your farm's true potential.



Automation

The DeLaval Parlour range provides more information, more automation, more functions and more technology than ever before. Intuitively designed so everything can be operated safely, comfortably and easily by fewer people.



DelPro™

DeLaval DelPro™ takes all the data being recorded through your parlour and does the number-crunching for you. Instead of pages and pages of numbers and charts – you get valuable information, sometimes in the form of a single number or alert.



DeLaval Evanza™

The entire Parlour range is compatible with our state-of-the-art DeLaval Evanza™ clusters. Designed to extract more milk, in less time whilst unlocking more efficient, less stressful routines for milkers.



Milk Transport & Cooling

DeLaval milking systems are designed to protect the quality of your herds milk – powerful cooling and precise temperature control – locks in milk quality before it even reaches the storage tank.














DeLaval InService™ All-Inclusive

The service that you need, designed around you

With an InService™ All Inclusive Performance Plan in place, we will deliver all your essential consumables as well as the scheduled servicing and expert advice all for a fixed price. Leaving you to get on with the business of dairy farming, secure in the knowledge that every time you milk, your system's performance is optimised.



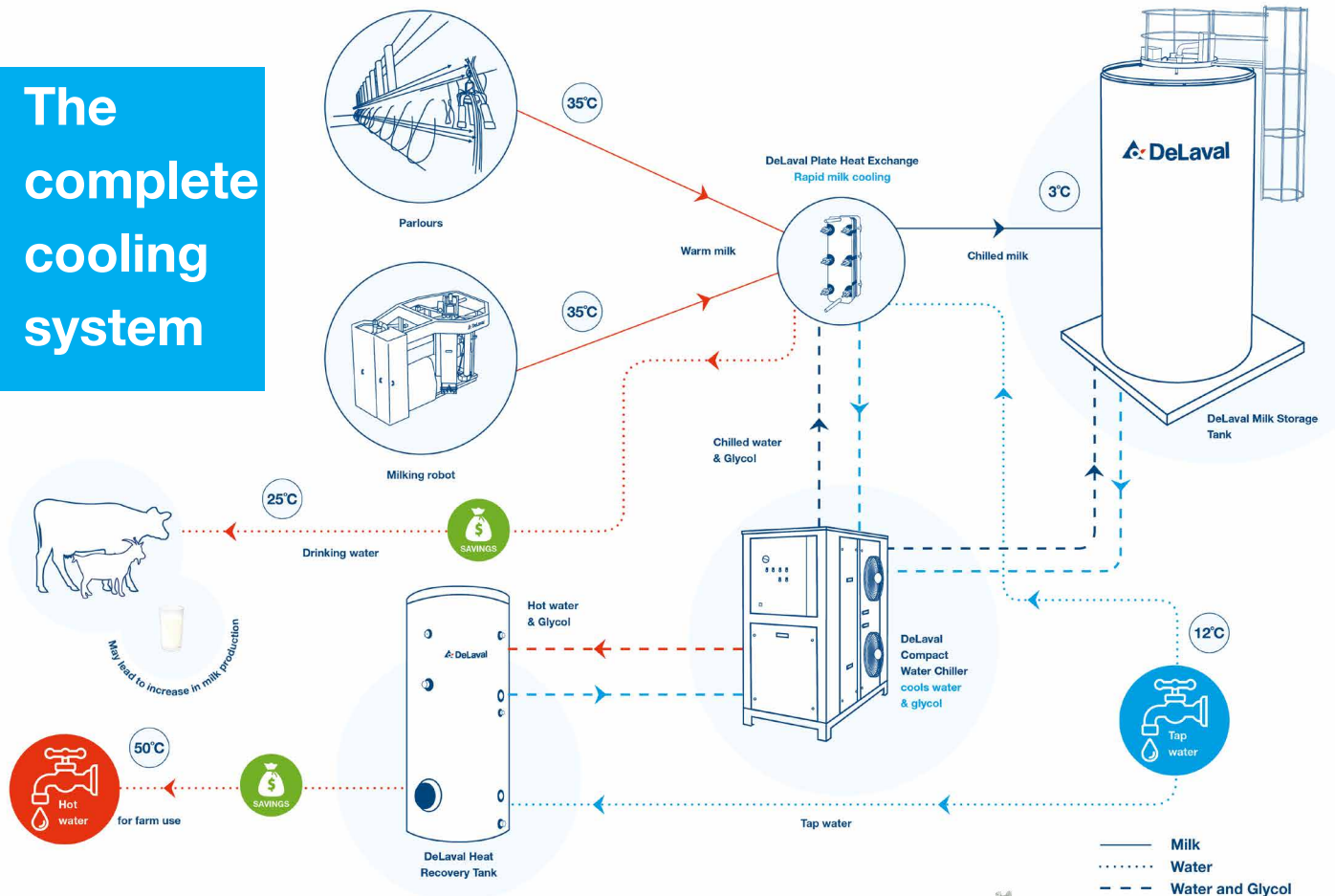
It's all included

- Milking performance 
- Cleaning performance 
- Peace of mind 
- Preventive maintenance 
- Service tasks 
- Milk quality 
- Testing 
- Liners & tubes 
- Milk yield 
- Detergents 
- Teat spray 
- Agreed cost 
- Milk filters & oil 
- Advice 

DeLaval Cooling Systems

A fresh approach to milk cooling

The complete cooling system



Faster means fresher

As soon as it leaves the udder, naturally occurring bacteria in the milk start multiplying immediately. In just two hours 1,000 bacteria can increase to 64,000. The faster you cool the milk, the more you slow this process down and the fresher your milk will be. That's why our unique range of chillers are the fastest we've ever developed.



DeLaval Plus - your performance portal

DeLaval Plus is all about how far data can advance your performance.

It is about aiding you in taking your performance to the highest levels, regardless of your farming approach, location, or herd size. The common goal shared by all dairy farmers is to ensure the health, well-being, proper feeding, and efficient, safe, and sustainable milking of their cows.

This is what DeLaval Plus is all about.

It is about providing you with tools that turn all data collected on your farm into actionable, easily understandable information, helping you make fast, accurate decisions that benefit your animals, your workforce, and your profitability.

All these tools are part of an easy-to-access online portal to use the information that is analysed and reported back to you.



- Accessed and managed through a secure web portal
- Easy to read
- Easy to understand
- Customisable to fit your goals
- Benchmark your performance
- Capable of integration with DelPro FarmManager
- Works seamlessly with DelPro Companion

“ The P300 is a very efficient system and the cows settled into the new parlour very easily. The cows do not have to lift their heads above a bar or into a frame which makes loading much faster ”

— William Warnock

FARM LOCATION: **TUMBLE TYE FARM, FOLKESTONE UK**
NUMBER OF MILKING COWS: **230**

Mastitis cases in the herd have dropped significantly

“

The Evanza clusters are a big improvement. Much easier to attach, faster milk draw and the cows are much more comfortable. We hardly ever get a kick-off and the cows stand at ease ”

* These are William Warnocks results. Yours may differ. Dairy producer testimonials reflect their real-life experience using DeLaval products. Results in testimonials have not been independently verified and DeLaval does not claim that results are typical. Testimonials do not constitute warranties or guaranties of performance

THE NEXT STEPS

HOW CAN WE HELP?

If you're looking at your options for a new milking system, the first step is deciding which of the many options will deliver the best results for you. We honestly believe that the best place to start that conversation is with us, after all – we are a world class company designing and manufacturing milking system and management solutions that work hard for you.



FARM LOCATION: COUNTY KERRY, IRELAND
NUMBER OF MILKING COWS: 210

“ Milk production improved more than **10%**

with the same amount of cows and that is proving our investment into the new milking system.* ”

* These are Billy O'Connor's results. Yours may differ. Dairy producer testimonials reflect their real-life experience using DeLaval products. Results in testimonials have not been independently verified and DeLaval does not claim that results are typical. Testimonials do not constitute warranties or guaranties of performance

“ Cows walk in, cows have their own space, cows are comfortable and cows milk quick. We are very happy with this setup. ”

— Billy O'Connor

That means that we will recommend the system that is right for you, not the system that is right for us.

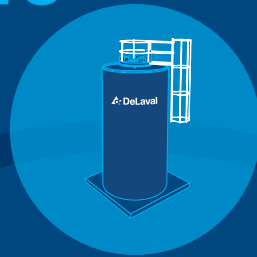
With 135 years experience in the dairy industry you can also be certain that our team will help you manage the process of designing, installing and optimizing your system to help you meet your budget and performance targets.

Creating solutions for dairy farmers is what we do, and it's all we do.

Which is why you can be sure that with a DeLaval solution – It all revolves around you.

To take the next step talk to your trusted DeLaval representative or visit us at www.delaval.com

DeLaval Parlours work well with:



DeLaval Cooling



DeLaval Evanza™



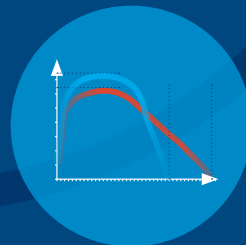
DeLaval Advisory



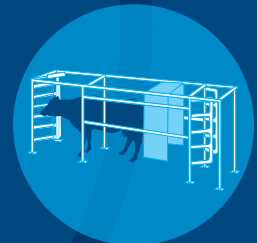
DeLaval InService™



DeLaval DelPro™



DeLaval Flow-Responsive™ Milking



DeLaval Cow-Traffic

We deliver solutions that help you get more, better quality milk from healthier animals.

That's why we don't just focus on one part of the milking process. We design, manufacture, install and maintain whole systems, and we are supporting ongoing performance of every component of those systems.

Put a DeLaval Parlour to work for you

Take the next step on your DeLaval Parlour journey, either talk to your trusted DeLaval representative or for more information [visit us at www.delaval.com](http://www.delaval.com)

Nothing in this document shall constitute a warranty or guarantee of performance. Results will vary from dairy to dairy.

