

# DeLaval Parlour Range

A System Approach

**IT ALL REVOLVES  
AROUND YOU**

# 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 maximize 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.



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.

Modular design  
**easy to fit**  
your space

Ideal solution for  
**MidiLine**  
farms

Perfect parlour for  
**retrofit**  
farms

Straight rump rail or specially designed butt pan with gutter options

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

Cow and milker  
**comfort**

Suspended sequence gates and adjustable breastrail for better farm operation

Space saving conventional exit

\* Compared to parallel parlour with fast exit

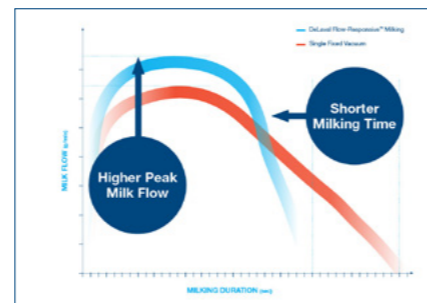
DeLaval does not claim that these results are typical and this information does not constitute a warranty nor guarantee of service. Actual performance and improvement will depend on a number of factors, including prior milking practices, type of cows, farm and herd maintenance practices.

## KEY FEATURES

### EasyMilk

Whether you're looking for a swing over or a double, 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 Eanza™ 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.



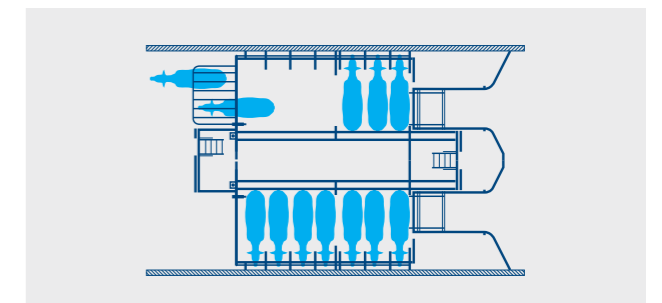
### EasyFit

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.



### 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.

Extra wide entrance lane

Comfortable cow position

Quick entry, easy turning. Fast loading of cows

Adjustable to herd size

Easy to operate and clean

Strong robust parlour

Gang-Exit, Gang-Index, All-Exit and All-Index

Excellent cow comfort thanks to neck-rail design

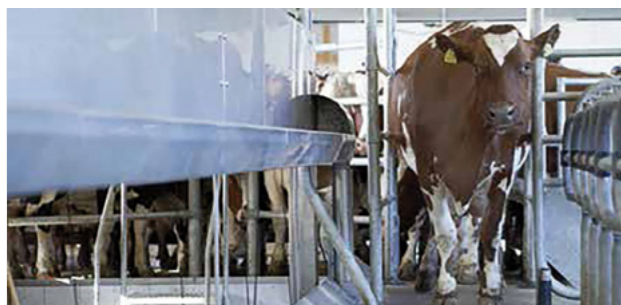
Sliding entrance gate for cow comfort and operator safety

Buttpan with kick-off protection

## 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.



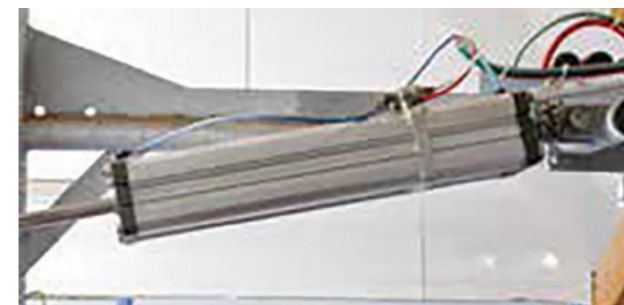
### SwingUp

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.



### 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 synchronised milking.

The DeLaval Parlour P500 represents the most significant evolution of DeLaval 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 synchronised milking.

Designed for **24/7** operation on medium to large farms

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

Cow comfort Sequence gates removed during milking

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

Swing-Up or SyncArch front neckrails

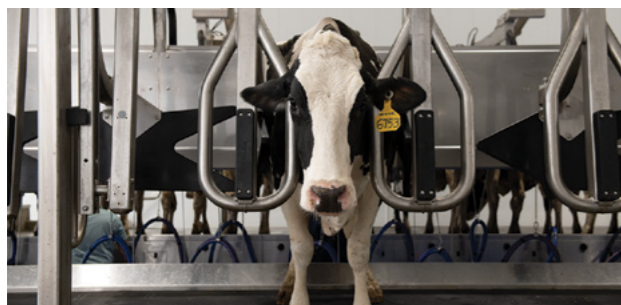
**ZERO** obstructions at cow exit

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

## KEY FEATURES

### SynchroArc

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.



### SynchroSweep

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.



### SynchroControl

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



### One Touch Exit

With the new, integrated gate control system the entrance gate, SynchroSweep and the neck rails are controlled automatically.



HERRINGBONE PARLOUR

# DeLaval HB30

The DeLaval HB30 offers excellent cow positioning, operator comfort, and durability.

With its strong and durable construction, high overall throughput and quick and easy installation the DeLaval HB30 is a great option for small to medium sized barns.

Easy operator access to cow udder

High throughput in limited space

Excellent cow positioning

Safe and comfortable

Greater milker comfort

Ideal solution for small and medium farms

Optional feed managers

Strong and durable construction

## KEY FEATURES

### OptiMilk

DeLaval HB30 rumprail and frame components are made from 50 mm (2") steel tubing. The suspended beam frame adds further strength and longevity. This 2 1/2" x5" rectangle beam frame gives added rigidity for even the largest parlours. The slanted galvanized butt pans are standard and stainless steel is an option. This design, combined with hot dip galvanization of every welded component, provides strength and a long operating life.



### OptiView

The entrance gate opens fully to allow cows to enter easily and walk quickly along the wide platform. The cow blocker works very well to keep the cow waiting in the correct position, this feature protects the last cow from any interference with optional electronic Cow ID. The entrance and exit gates are both swing type with the option to operate the exit gate manually or add a vacuum powered cylinder.

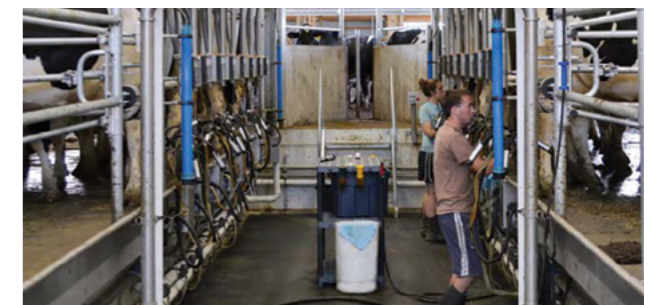


### OptiComfort

Operator safety is prioritized in DeLaval HB30. With no posts between the butt pan and curbing, there's no risk of the milker's arm being kicked against a post. The top rumprail is offset closer to the operator pit than the lower rumprail and follows the contour of the cow's back legs in their natural standing position. This enables the cow



to stand comfortably and close to the operator making it safer for the milker. With the optional air indexing that moves the cow closer to the kick rail and butt pan, the udder is easy to reach. This speeds up cluster attachment while helping reduce the risk of back strain.



# 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

Excellent milker comfort

Cows are milked through the rear legs

Perfect cow comfort and cow visibility

Conventional exit saves building space

Compatible with DeLaval MidiLine Swingover System

Ideal for retrofit installations

Strong and durable design

## 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 50 mm (2") 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.



### 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™

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



## Get more done with DeLaval MidiLine™

### 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™ FarmManager.



## ADD VALUE WITH AUTOMATION



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

The DeLaval MidiLine™ ML3100 gets you full herd management connectivity, so you can get more done.

### 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™ FarmManager provides the overview needed for making daily management decisions



# Milking Automation that flexes around your needs

From complete on-farm milking system automation to remote cloud monitoring and data analyses - our new Milking Automation solutions are key to taking your business to a new level of performance

## FlexiFuture



Enables flexible growth of functionalities, preparing you for future services

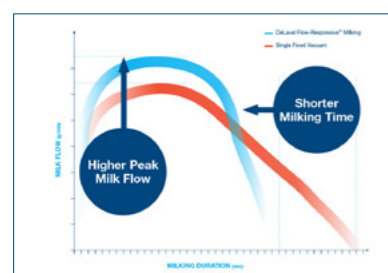
- Upgradable from Standalone to System Connected
- Once connected, you are ready to subscribe to available DeLaval Plus services



## FlexiFit

Suits all different needs, whether you already have a DeLaval or competitor parlour, or are looking to buy a new milking system.

- New installations (DeLaval or competitor)
- Retrofit an existing system (DeLaval or competitor)



## FlexiMilk

Milk intelligent with all DeLaval Excellence solutions. Our Milking Automation fully supports and works with:

- All DeLaval milk meters
- DeLaval Flow-Responsive™ Milking and Evanza milking cluster

## FlexiCommand

Make the most of a variety of user interface options.

- Parlour state controller to switch milking/cleaning
- Interactive Data Display (IDD) with Herd Management connection
- Companion for mobile cow/data handling and applications for sampling and ID correction

## Display Unit

with key cow, herd and milking data

## One button

sort once, ID verification and Flow-Responsive™ milking function

## LED colour

visuals for easy, intuitive operation



# Take the next step in upgradability

Future-proofing your new DeLaval Parlour investment with an innovative modular design. Easy upgrade to additional functionality and future data connectivity - as your business grows.



	MA100	MA200	MA500
Single button operation	●	●	●
Basic parlour connectivity	●		
Full plant connectivity		●	●
Herd management integration		●	●
Flow-Responsive™ milking	● FAS* only	●	●
DeLaval Plus ready		●	●
Online vacuum monitoring		●	●
Cow information at milking point			●
Milking status, mode and alarms	Coloured LED	Coloured LED	Coloured LED and Display

\*Flow-Adjusted stimulation, part of Flow-Responsive™ milking.

# 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\*

Reduce the risk of staff injuries

More efficient worker routines

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



### 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.

### 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.

### Post-milking sort gate benefits:

Every cow need 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.

- ✓ 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

## 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.

### 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.

WORKS WELL WITH

## Get even more out of your DeLaval Parlour milking system

With 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.

### DeLaval Evanza™

The 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

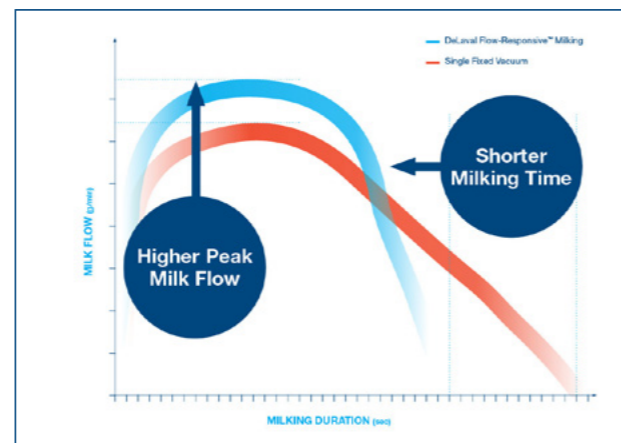
DeLaval milking systems are designed to protect the quality of your herd's milk – powerful cooling and precise temperature control – locks in milk quality before it even reaches the storage tank.



## DeLaval Flow-Responsive™ 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 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.

## DeLaval Performance Plans Because performance is everything

Every DeLaval parlour comes with a DeLaval Performance Plan. This means that we are all very clear about what you demand, and what we will deliver. From servicing and maintenance to remote monitoring of your vacuum levels - if it will help you perform, we will find a way to deliver it.

### What's in your Performance Plan?

#### DeLaval Plus

DeLaval Plus is an ever growing set of applications that represent the most advanced level of farm management analysis and reporting that we have ever made.

#### Advisory Services

Our Dairy Advisors can help you with advice before, during and long after installation of your milking system. They can support you in further optimising system performance and maximising results.

#### InService™ All-Inclusive

DeLaval InService™ All-Inclusive means routine maintenance, scheduled servicing and the replenishment of consumables; all for one agreed price and with a payment structure that works for you.



“ The P500 is just so much better for us, for throughput and efficiency. ”

— Rena Johnson

FARM LOCATION: GLADE SPRING, VIRGINIA, USA

NUMBER OF MILKING COWS: 540

“ Milking time reduced **more than** ”

**4 hrs**

making it possible to increase from 2 to 3 times a day milking.\* ”

\* These are Rena Johnson'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.



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.\* ”

“ 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

\* 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.

## 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.

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.

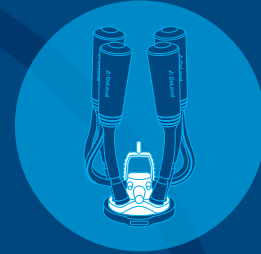
Which is why you can be sure that with a DeLaval solution – It all revolves around you.

To take the next step talk to your trusted DeLaval representative or visit us at [www.delaval.com](http://www.delaval.com)

# DeLaval Parlours work well with:



DeLaval Cooling



DeLaval Ewanza™



DeLaval Advisory

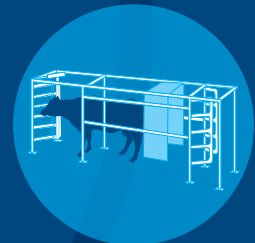
We deliver solutions that help you get more, better quality milk from healthier animals.

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.



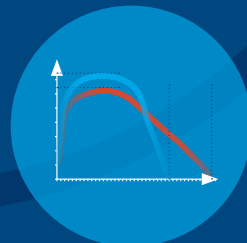
DeLaval InService™



DeLaval Cow-Traffic



DeLaval Plus™



DeLaval Flow-Responsive™ Milking

## 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)