

DeLaval Flow-Responsive™ Milking

**MILK
FASTER
GO WITH
THE FLOW**

 DeLaval



“ Flow Responsive Milking maintains a steady vacuum in the claw, especially with those larger pounds of milk flowing from the cow. It has increased our flow rates by 4.5% - 5.5%, as well as improved our peak flow rates throughout. We have been able to decrease our forced detaches by a third. ”

– Brock Peters, MVP Dairy

FARM LOCATION: **OHIO, USA**
HERD SIZE: **3850 COWS MILKED 3X**

OVER **5%**
REDUCTION
IN MILKING TIME
WITH NO NEGATIVE
IMPACT ON MILK YIELD*

*compared to MonoVac after 6 months of change.

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.



Full testimonial
video (USA)



Full testimonial
video (CANADA)

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.

Last cow ready
with Flow-Adjusted
Vacuum

>7% faster^[1]

-25 sec^[1]

+5%
Average
milk flow^[1]

+9%
Peak
milk flow^[1]

Less
forced
take-offs^[1]

Positive
effect on
teat-end^[1]

[1] [1] These are results producers were able to achieve on test farms. Results may vary and are not guaranteed. Difference can be seen related to numbers of milkings per day.

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

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.

DeLaval Flow-Responsive™ Milking can be implemented to all DelPro-connected DeLaval Rotaries and Parlours*.

Technologies and Services Enabling DeLaval Flow-Responsive™ Milking:



DeLaval DelPro™

The latest DeLaval DelPro™ gives you more control than anything we've offered before. By surrounding you with faster, more accurate information, analysis, reports and alerts, you can make more informed decisions on your farm.



DeLaval milk meter

The ICAR approved MM27 milk meter uses IR technology to precisely measure the flow of milk, without any moving parts, making low maintenance yield monitoring possible.



Vacuum regulation and monitoring

The DeLaval vacuum regulation technology applies the correct vacuum at the right time, and monitors every milking point during the whole milking process.

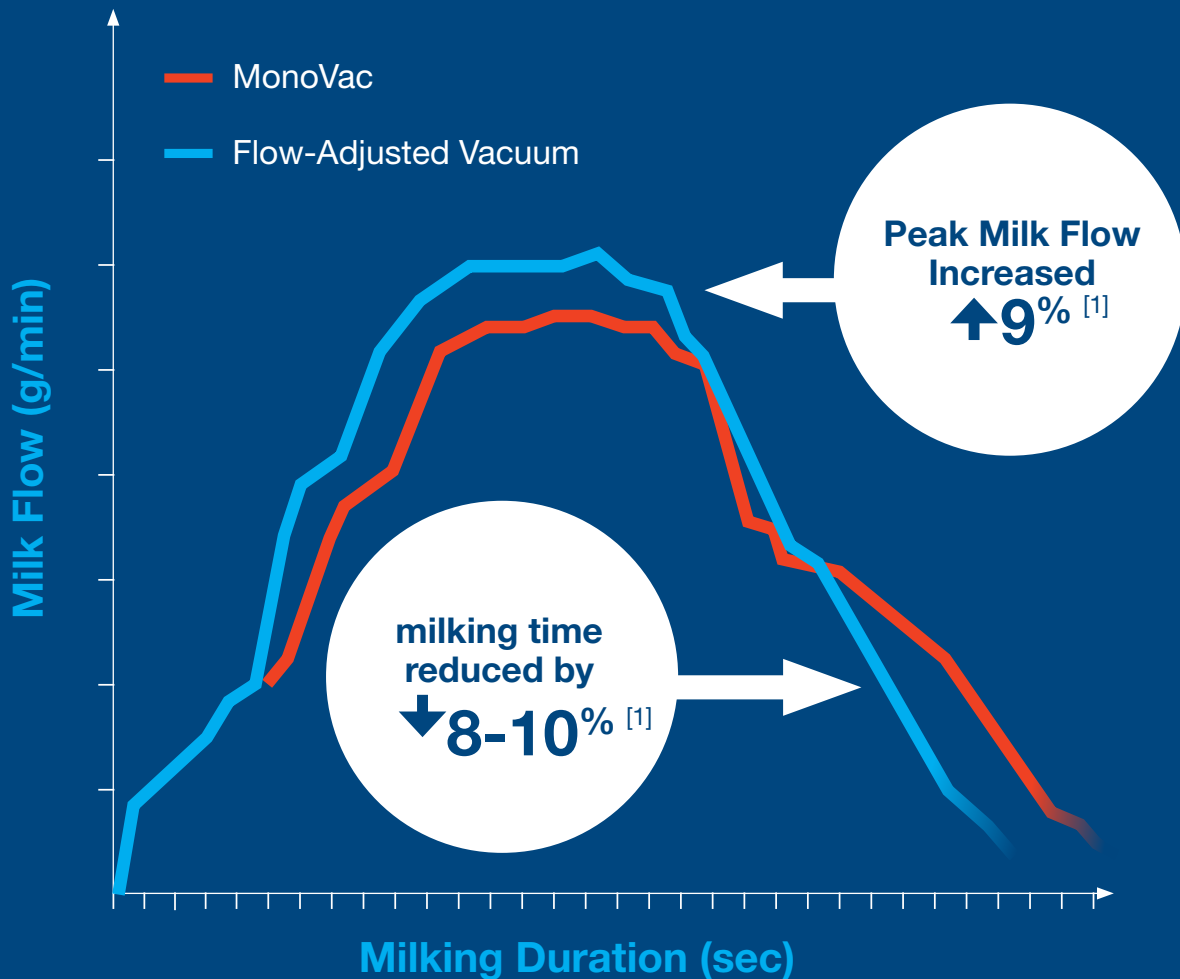


DeLaval Advisory Services

DeLaval certified trainers will provide training to support start-up of your system. With our Advisory-teams we will help you to get the most out of your system.

Flow-Adjusted Vacuum

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.



In the Start-Phase, after proper stimulation, system vacuum levels are 42 kPa (12.5" Hg), pulsation ratio 65/35 with pulsation rate 60 ppm. When the flow reaches >2kg/min (>4.4 lbs/min), the Main-Phase is initiated and system vacuum levels are increased to 47-49 kPa (14-14.5" Hg), pulsation ratio 65/35 or 70/30 with pulsation rate of 60 ppm.

Taking a 360° view of your farm with DeLaval Flow-Responsive™ Milking



Farm Profitability

With Flow-Responsive Milking you can make every second count. The ability to extract more milk than a conventional monovac system, in less time and with less labour is highly beneficial, particularly on large farms.



Work Efficiency

Flow-Responsive Milking makes it possible to streamline your milking processes to create simple, worker-friendly routines that save labour. Milk in less time or milk more cows per session, with less energy and less stress on your team.



Animal Welfare

Shorter milking times mean less stress on teats. Flow-Responsive Milking may improve teat condition and udder health, for a healthy and productive herd.



Food Safety

Not only are all materials used with Flow-Responsive Milking food safety approved, but lower instances of mastitis from shorter milking times means more high-quality milk is produced.

Put DeLaval Flow-Responsive™ Milking to work for you

To take the next step on your milking journey, either talk to your trusted DeLaval representative or for more information visit us at www.delaval.com



Features video (USA)



How it works video (USA)



Features video (CANADA)



How it works video (CANADA)