

**“For our profitability, zero waste is priceless.”**

—Vincent Joyeux

Everything about the Optimat™ Master is designed to enhance the efficiency of the feed-milk loop. It reduces wastage, boosts the appeal and consumption of valuable feed, and saves you time and energy spent on feeding your cows. Additionally, it provides the flexibility to create up to 100 different recipes from 24 ingredients. This means, like Vincent, you'll be able to better match the nutritional needs of individual groups of cows and improve your feed conversion efficiency.

DeLaval Optimat™ works well with:



DeLaval VMS™ Series



DeLaval Conventional Milking Systems



DeLaval Advisory



DeLaval InService™



DeLaval DelPro™

We provide solutions that help you achieve more, higher-quality milk from healthier animals.

That's why we don't focus on just one part of the milking process. Instead, we design, manufacture, install, and maintain complete systems, ensuring the quality and reliability of every component.

Put DeLaval Optimat™ to work for you

To advance your Optimat™ journey, speak with your trusted DeLaval representative or visit us for more information at [www.delaval.com](http://www.delaval.com).



# DeLaval Optimat™ Master

**IT ALL REVOLVES AROUND YOU**



**Don't just manage feed. Master it.**

With Optimat™ Master, you can take control of feed management like never before. Whether you farm 100 or 1,000 cows, our end-to-end automation solution simplifies the feeding process, making it more precise, faster, less labour-intensive, and more energy-efficient. Transform your feeding programme into a more effective and streamlined operation.

## What can you expect?

Labour	DeLaval Optimat™ II	Mobile mixer
Pushing in feed	0 min	15 min
Cleaning the feed table	2 min	15 min
Loading feed	15 min	15 min
Mixing time	0 min	5 min
Feed-out time	0 min	15 min
<b>Total</b>	<b>17 min</b>	<b>65 min</b>
Total costs per year at €20 per hour	€2,068	€7,908

Energy	DeLaval Optimat™ II	Mobile mixer
Energy consumption	20 kWh	120 kWh
Energy cost per day	€2 on electricity	€11 on fuel
Energy costs per year	€730	€4015
<b>Energy savings</b>	<b>€3,285 per year</b>	

Feed waste	DeLaval Optimat™ II	Mobile mixer
Left-over	2%	7%
Cost of waste	€3,679	€12,877
<b>Savings - feed</b>	<b>€9,198 per year</b>	

This table shows the observed changes on farms that have implemented an Optimat™ Master system. While these results provide an indication of what is possible, they are not guaranteed, as each farm is unique. DeLaval does not claim that the outcomes reflected here are typical, and this information does not constitute a warranty or guarantee of service or performance. Actual performance and improvements will depend on various factors, including milking practices, cow types, and farm and herd maintenance practices.



## A closer look at the Optimat™ Master

Modern high-throughput dairy farms and today's dairy cows have high nutritional demands. As our understanding of the need for effective, regular, and targeted feeding at different stages of lactation grows, it's essential that your farm has a system capable of supporting precise and consistent feeding.

- Good mix quality
- Precision in feed preparation with multiple recipes (up to 24 components and 100 recipes) for different cow groups
- Scalable feeding system that can support up to 1,000 lactating cows
- Frequent feeding
- Optimal use of VMS (cow traffic management and feeding frequency, including nighttime)

## Master your feed costs and waste

The more high-quality feed your cows consume, the more high-quality milk they will produce. Optimat™ ensures that the money you invest in feed isn't wasted. The key to increasing consumption is providing fresh, appetising feed to your cows whenever they want it.

Up to **75%\*** reduction in left-over feed - from 8% to 2%

**Lower feed cost per litre of milk**

## Master your animal health, nutrition and wellbeing.

Our system is designed to encourage higher consumption and more frequent feeding, with less competition for feed—key contributors to increased rumination and a more stable rumen pH. The reduced noise and movement can also lead to lower stress levels, resulting in calmer, more comfortable cows.

Feed up to **1,000 cows\*** automatically

## DeLaval OptiSteel™

By opting for OptiSteel™—our most advanced and durable material—for the mixer container and auger, you can double the lifespan of these hard-working components.



## DeLaval Fleximix™

Because the system can handle various feed components, you can precisely manage multiple recipes for different groups of cows.

## Master your profitability

Lower feed costs, less waste, optimised labour hours, more milk, healthier animals, and more efficient use of low-cost feed—all of these benefits are possible with Optimat™ Master.

**More Milk**  
- Up to 5 litres per cow/ per day\*

## Automatic Feeding: Made for Automatic Milking

If you have a milking system with 24/7 capacity, now you can complement it with 24/7 feeding to maximise its potential.



## Shhhh... a quiet word

We wanted to highlight the benefit of reducing noise and movement in your shed. It not only creates a more pleasant environment but also enhances cow welfare and promotes better rumination. The calmer atmosphere contributes significantly to the overall well-being of your cows.

## Master your work efficiency

On a modern, high-productivity dairy farm, efficiency is key. The goal is to utilise people where their expertise adds the most value, and automation where it can deliver more speed, consistency, and precision. Feeding is one such process that benefits greatly from automation. Let the Optimat™ Master handle the feeding, so you and your team can focus on using the time saved to better care for your cows.

Save 1-2 hours per day per 100 cows\*

## Master your energy costs

Using a tractor to spread and push feed is like using a bulldozer to hammer in a nail. The Optimat™ Master and, in particular, the OptiWagon, offer a smoother, quieter, and more environmentally friendly way to manage feed.

Up to **-83%\*** energy use

## OptiWagon™

By pairing your Optimat™ Master system with our top-of-the-range OptiWagon™, you gain precise control over feed management in your shed. You can programme the wagon to navigate specific routes, start and stop dispensing feed, and serve different groups within the same shed. The OptiWagon™ also knows exactly how many kilograms to dispense in each area.

Overall, this combination provides seamless control from feed preparation to distribution at the feed table. The OptiWagon™ can make multiple small feed distributions throughout the day, ensuring fresh feed is always available, reducing cow competition at the feed table, and maintaining stable rumen pH levels.

\*Note: A rail distribution model is also available, which does not include feed weighing functionality.

