

DeLaval Calf Feeding

DeLaval Plus connected
automatic calf feeding

A woman in a black t-shirt and blue cargo pants stands in a barn with her arms crossed. To her left, several brown and white calves are in a feeding stall. To her right, a DeLaval automatic calf feeding machine is visible through an open doorway. A large blue arrow graphic points from the machine towards the woman.

IT ALL REVOLVES
AROUND YOU

Get the best start for your next generation

Profitable milk production depends on healthy, high yielding animals. Today's calves are tomorrow's high performance cows; the way you rear them can make the difference. There is scientific proof that healthy, faster growing calves will reward you by becoming high yielding cows, productive for many years.

Feed
4
calves at once

Feed up to
120
calves per feeder

Automatically
cleaned up to
4 times/day

Up to
2
detergent
pumps

Up to
8%
more
milk at first
lactation ^{*[1]}

Automatic
calibration

3
feeding
sources per
calf feeder


**DeLaval
Plus
Connected**

Up to
8%
reduction in
illness ^{*[2]}

*Nothing contained herein shall constitute a warranty or guarantee of performance. Actual performance and improvement will depend on a number of factors, including prior milking practices, type of cows, farm and herd maintenance practices.

[1] F. Soberon, M. E. Van Amburgh, 2014, The effect of nutrient intake from milk or milk replacer of preweaned dairy calves on lactation milk yield as adults: A meta-analysis of current data, LACTATION BIOLOGY SYMPOSIUM, J. Anim. Sci. 2013.91:706-712

[2] James K. Drackley, Ph.D., Department of Animal Sciences, University of Illinois April 2008 Veterinary Clinics of North America Food Animal Practice 24(1):55-86



“ Having all of our data in the same DeLaval Plus platform is ideal. My wife is responsible for the calves and she likes it. Now she can check the calves from the computer in our home kitchen. We have all calf performance data available for longer, and it's consultable from anywhere we want, which is also very convenient for our farm advisors. Since we've had calves in DeLPro, all calves are always on the correct feeding scheme for their age. ”

— Maarten Burgmans

FARM: BURGMANS-VAN SCHIE
LOCATION: THE NETHERLANDS

HERD SIZE: 350 COWS

Calf feeders and DeLaval Plus Herd management

*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.



Take the smart approach to feeding your future herd.

With DeLaval calf feeding, DeLaval offers a system that not only makes it possible to save labour, can be better for your calves and for your bottom line - but is also intelligent and helps you to work smarter. With devices that communicate with DeLaval Plus in real time, it's never been easier to treat each calf as an individual - and to optimise their health, wellbeing and future productivity, all from a single management tool.

With DeLaval, making the move to automatic calf feeding is easy. We offer a complete package with the system planning, design and technical expertise to help you build a system that works for you and your animals - and when it's all set up, we can help to make sure it continues to operate at the level you expect with a service plan adapted to your needs.

- ✓ **DeLaval Plus and Calf Cloud connected**
- ✓ **Individualised feeding plans**
- ✓ **Automatic cleaning**
- ✓ **System design, planning and advice**
- ✓ **Service included**

Taking a 360° view of your farm with DeLaval calf feeding



Farm Profitability

Intensively fed calves can consume up to twice as much each day compared to manual feeding, with a fraction of the labour, and are proven to produce up to 1200L more milk at first lactation.*



Work Efficiency

With automatic feeders, both labour time and costs are significantly reduced. It takes roughly 10% of the labour to feed with an auto feeder as it does to do so manually.*



Animal Welfare

Bring calves closer to the way they would feed in nature and enable the individualised treatment of each and every calf with real-time data in DeLaval Plus.



Food Safety

Calf feeders not only automate the feeding of calves but also include automatic cleaning processes that help to ensure a high standard of hygiene.

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Calf feeders CF600C and CF1100C

Dimensions:
(height x width x depth)
126 x 57 x 52 cm

At the centre of a DeLaval calf feeding system, a calf feeder recognises each calf by its transponder and prepares the right amount of fresh milk, at the right temperature, each and every time.



Specification	CF600C	CF1100C
Number of calves	20-30 per feeding station, max 50 calves at a time, max 100 calves/year**	20-30 per feeding station, max 120 calves at a time**
Heat output	2.5 kW (400 V/16A)	5.0 kW (400 V/16A)
Feed preparation	Up to 1.5L/min	Up to 2.5L/min
Portion size	0.25L	0.5L
Medicine/additive dispenser	1 dispenser (powder or liquid)	2 dispensers (powder and liquid)
Additional features	Automatic calibration, stainless steel chassis option, internet connection, detergent pumps (up to 2 pumps (acid + alkali), Power supply: 230 V / 400 V / 3 / N / PE. 50 Hz. 16A	

*Available with CF1100C

**Maximum capacity

Calf feeder software and DeLaval Plus

With DeLaval Plus, key information about each of your calf's health, growth, and consumption is recorded in one place and presented to you in one easy-to-use application.

**DeLaval
Plus**



CalfAppGO

With a DeLaval Plus connected calf feeder, you can :

- Evaluate each calf's health status
- Create customised feeding and weaning programs
- Initiate individualised feeding plans
- Check key information including drinking speed, feeding breaks, visit times, and consumption data
- Wean your calves based on total body weight
- Receive important alarms to identify calves in need of attention

With CalfAppGO, mobile app, you can :

- Monitor real-time feeding data and calf health on the go
- Receive instant notifications for alarms and updates
- Access historical data for better decision-making
- Manage feeding schedules and adjustments remotely
- This mobile app enhances your ability to manage your calf feeding system efficiently, ensuring you stay connected and informed wherever you are.

Meet the DeLaval calf feeding family

With a complete DeLaval calf feeding system, you're in control – with the tools to reduce labour costs, manage health and hygiene and monitor each calf's welfare from day one.

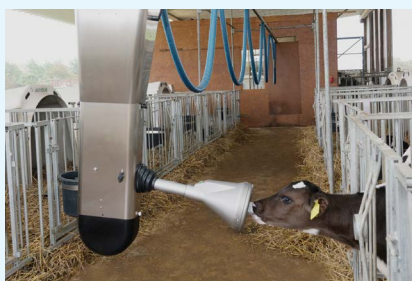


HygieneBox

A HygieneBox extends the automatic feeding system and allows it to perform a full cleaning, including the outside of the teats and surrounding areas after every feeding session, helping to ensure the drainage bowl and teat is cleaned and free from milk residue and mucus. This can lead to a reduction in bacteria on the feeding teat.

A HygieneBox, also available as a retrofit for CF1100C, will perform a full circulation cleaning of the hose between the feeder and the teat up to 4 times per day.

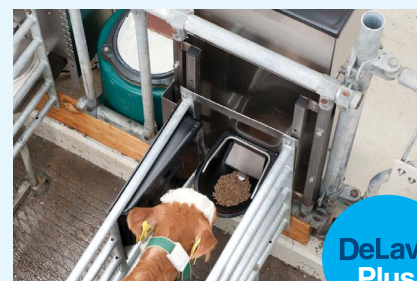
Additional to improving hygiene and calf health, a HygieneBox allows a more natural drinking position for calves for a smoother milk intake which may positively influence calf health and growth.



CalfRail

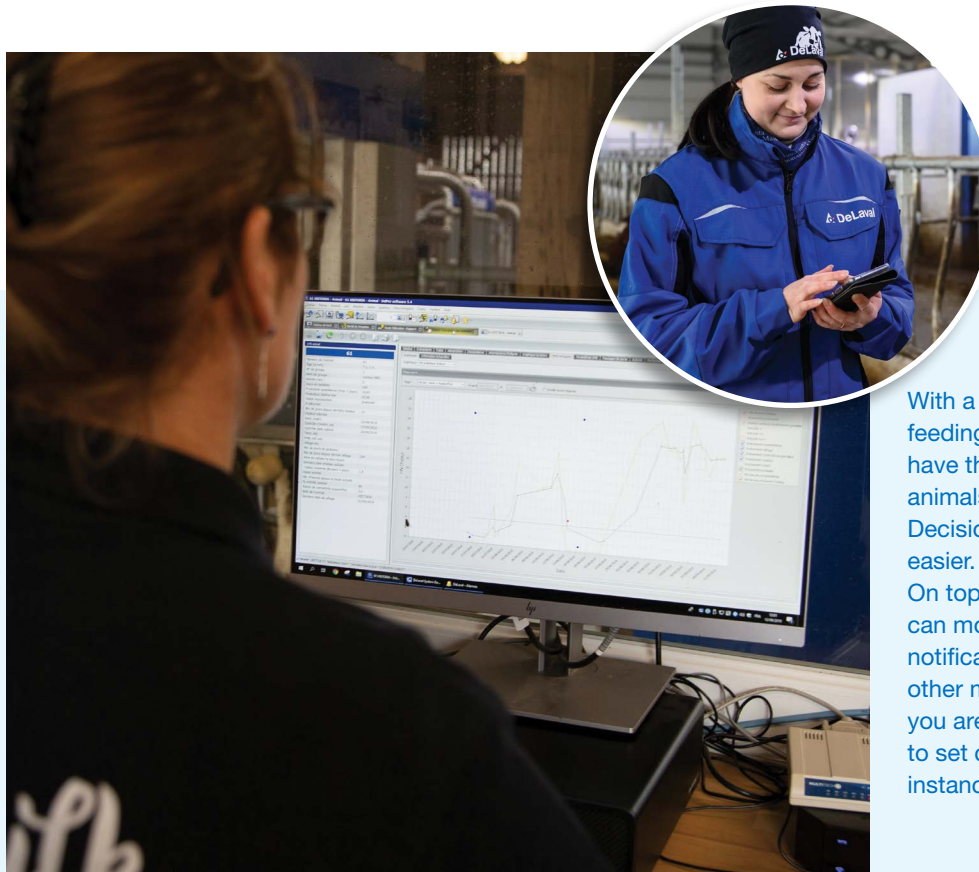
CalfRail CFR100, an extension to the calf feeder CF1100C, is a robot arm that runs along a rail to automatically feed calves in individual housing. With CFR100, calves are fed in a natural manner with small portions up to 8 times per day. This allows calves to drink more milk and benefit from higher weight gain before they enter group housing.

- Each CFR100 can feed 50 calves
- Each CF1100C can supply 2 CFR100 robotic arms



Concentrate feeder

Concentrate feeder, with a direct link to the calf feeder software and DeLaval Plus, lets you control of how much concentrate each calf should receive, and keep track of how much concentrate each calf is consuming. With a concentrate feeder, you can create individualized weaning plans based on each calf's concentrate intake, as well as receive early indications of calf illness, as concentrate consumption often drops significantly when a calf is sick.



DeLaval Plus

With a DeLaval Plus connected calf feeding system from DeLaval, you have the information of all of your animals from birth in one system. Decision making has never been easier.

On top, with the **CalfCloud app** you can monitor real-time data and receive notifications directly on you phone or other mobile device, no matter where you are. This app allows you as well to set calf feeder parameters or for instance adapt feeding curves.



OptiFlex calf side race

DeLaval OptiFlex calf side races are designed for ease of use, ease of cleaning and are easily adaptable to calf growth.

- Lightweight and easy to move
- Calf identification: both B-transponder or ear tag readers are possible
- Adjustable multi-reader positioning for different sized calves
- Folding, rotatable sides make cleaning around and underneath the side races simple



Half body scale

With half body scales you can track the weight gain of your calves, with data stored and visualised directly in the software program. Track and monitor each calf's weight to make informed decisions about what, when and how much each calf should be fed, and adjust individualised feeding plans accordingly.

Each calf feeder can be connected to up to 12 half body scales at once.



Connected

CalfAppGO

The Calf App Go can eventually replace the handheld, streamlining operations with a user-friendly mobile interface. You can manage feeding schedules, monitor calf health, and receive alerts directly from your smartphone. This innovation enhances convenience and accessibility, allowing for efficient farm management on the go.

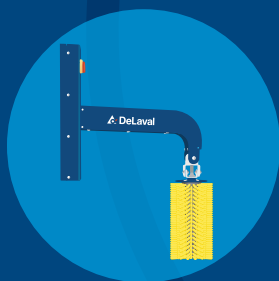
DeLaval calf feeder works well with:

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 ensure the quality and reliability of every component of those systems.



DeLaval VMS™ Series



DeLaval mini swinging brush MSB



DeLaval Detergents



DeLaval InService™



DeLaval Plus

Put DeLaval calf feeder to work for you

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