

AUTOMATIC FEEDING STATION

IDENTIFY TO OPTIMISE



MILKLINE®

MILKLINE®

FEED YOUR
HERD PROPERLY AND
SATISFY THE NEEDS
OF EVERY ANIMAL
AT ALL STAGES OF PRODUCTION
IT'S THE KEY TO FULLY EXPLOITING
THEIR PRODUCTIVE POTENTIAL.



With the automatic feeding station **MILKLINE**, feeding the **right quantity of food** to your cows becomes a **simple** and **efficient task**







AUTOMATIC FEEDING STATION

THE **AUTOMATIC FEEDING STATION MILKLINE** AUTOMATICALLY FEEDS CONCENTRATED FOOD TO THE COWS IN PROGRAMMED DOSES ACCORDING TO A **PRESCRIBED NUTRITIONAL PLAN**.

When the animal enters the station, the system **uniquely identifies** it and calculates in **real time** the **dose of concentrated food** to distribute.

INNOVATIVE FUNCTIONS



Automatic identification of animals



Individual administration of controlled quantities of food in every production phase



Management of up to 4 different kinds of foods



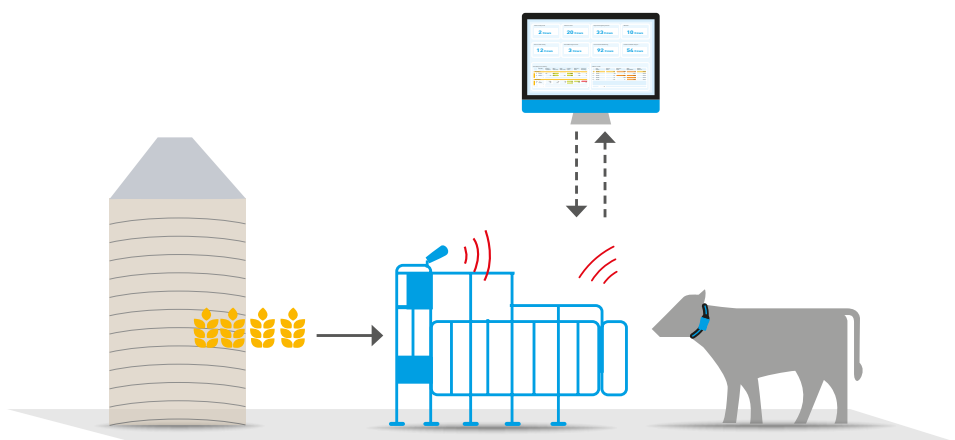
Distribution of liquid food



Sturdy, accurate and silent dispenser with shock-proof system



Management and monitoring of ingestion thanks to the DataFlow™ II software





FEATURES

SIMPLE AND INTUITIVE OPERATION

The connection to the DataFlow™ II software ensures the system's practical and functional management

COW-FRIENDLY STALL BOX

The special stall box in galvanised steel has no blind spots and offers ample visibility, which makes it more comfortable for the cow

SIMPLIFIED CLEANING

The special corrosion-resistant stainless steel hopper makes it quick and easy to clean

MODULARITY

Option of controlling more than 5 stations at once with DataFlow™ II

HIGH VERSATILITY

Available in several configurations and optionals to meet the needs of each breeder

COMPACT DESIGN

The smaller size allow you to fit the station in the space of a cubicle

REAL-TIME AND "NON-STOP" MONITORING

Formulation of a nutritional plan for the specific nutritional needs of the individual animal. Intake monitoring in real time for instant management of dis-metabolic problems





OPTIONALS



A FOOD FOR EACH STAGE OF LACTATION

Thanks to the special shape of the stall box, the station can hold up to 4 solid food dispensers



LIQUID FOOD DISPENSER

You can administer liquid food such as propylene glycol or molasses, which are especially useful in the early stages of lactation to overcome situations of negative energy balance



STABLE RAIL GATES

The MILKLINE automatic feeding station can be equipped with two stable side rails firmly connected to the main stall box



REAR GATE

The rear gate shuts automatically when the cow enters the stall box, so that the cow can eat without the problem of competing with other members of the herd



Technical specifications

Dimensions (mm)	1440 x 1200 x 2300
Power supply	24 V DC 50 Hz
No. of animals manageable with one station (recommended)	30*
Max no. of foods	4
No. of stations manageable with DataFlow™ II or with Heatime® Pro	≥1
Solid food dispenser capacity (kg)	25
Liquid food dispenser capacity (L)	32
Option of connecting the station to a storage container	Yes

* Varies depending on the daily schedule





THE POSSIBILITY OF PLANNING A **FEEDING STRATEGY FOR EACH ANIMAL** ENSURES THE RIGHT AMOUNT OF FOOD THROUGHOUT ITS PRODUCTION CYCLE AND ALLOWS YOU TO **BETTER MEET ITS NUTRITIONAL NEEDS.**

ADVANTAGES

- Ensures the right supply (quantity) of food depending on the production phase
- Prophylactic action against dis-metabolic problems like ketosis and acidosis
- Less** food waste and **time** dedicated to feeding the animal
- Improves production efficiency and of the farm
- Manageable with **DataFlow™ II** and **Heatime® Pro**
- Modular system that can be adapted and integrated in existing structures





A **CORRECT FEEDING PROCESS** IS CRITICAL TO ACHIEVE **HIGH YIELDS AND QUALITY**. NUTRITION HAS A HUGE IMPACT ON THE COW'S HEALTH, FERTILITY AND PRODUCTION.

The diet given to cows must therefore aim at achieving high levels of production and help maintain good health of the animal, exercising an action of prophylaxis against metabolic diseases such as acidosis and ketosis.



Daily production

FEEDING SYSTEM: key to the farm's success

PREVENTS

dis-metabolic
problems

PROTECTS

the health of
your animals

IMPROVES

performance
of your farm



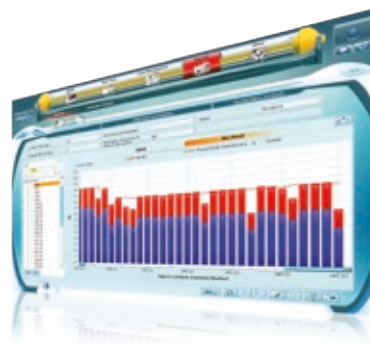


CONTROLLED FEEDING

THE AUTOMATIC FEEDING STATION MILKLINE IS DESIGNED TO WORK WITH THE **HERD MANAGEMENT SOFTWARE DATAFLOW™ II** OR HEATIME® PRO.

All functions, including the management of food storage containers, are controllable by software in a simple and intuitive way.

Ingestion is always the key focus with **DataFlow™ II**: at any time you can control and vary the amount of food supplied to each animal, receive reports and specific alarms that are useful to prevent the onset of dangerous dis-metabolic problems.



Daily intake per animal





AUTOMATIC FEEDING STATION

Thanks to DataFlow™ II you can organise the feeding strategy in 3 different modes:



Programming of daily distribution

BY INDIVIDUAL ANIMAL

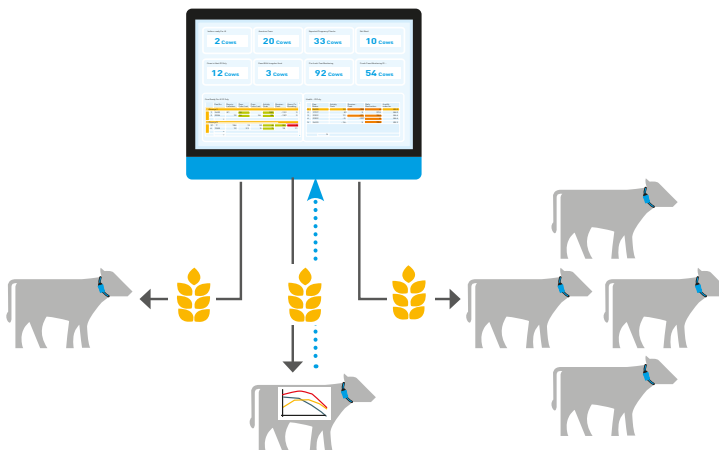
The amount of food, feeding interval and dosing curve are defined in an individual nutritional plan

BY GROUP OF ANIMALS

The feeding strategy can be adapted to a defined group of animals, such as cows in early lactation

BY FORMULA

The ration of each animal varies depending on the biometric data of the cow such as time of rumination, daily milk production, activity, weekly weight variation, etc.







DYNAMIC FEEDING BY FORMULA

THE AMOUNT OF FOOD AND PORTION PER FEEDING CYCLE ARE CONTROLLED AND OPTIMISED IN REAL TIME BY A SPECIFIC ALGORITHM BASED ON DAILY REPORTS DEFINED BY THE FARMER.

Milk production or rumination time are functional parameters to create the correct formula for each animal.



Definition of feeding formula according to the biometric data of the animal.

The mode

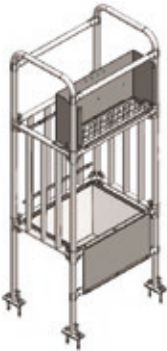

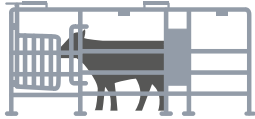

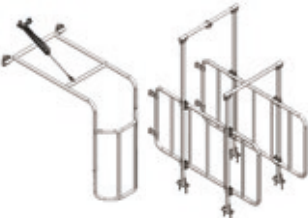

"Feeding by formula" is a great tool to instantly and automatically adjust the negative energy balance in the days following calving.

Every cow receives the amount of food you decide, without waste, maximising farming efficiency.





THE AUTOMATIC FEEDING STATION IN A NUTSHELL.

Small size and adaptable to any stable structure	
Holds up to 4 different food dispensers	
Slatted structure that ensures comfort and high visibility to the cows	
Stainless steel hopper, anti-corrosion and easy to clean	
Management of all functions with the software DataFlow™ II and Heatime® Pro	
Adaptable to existing stall boxes	
Compatible with other Milkline products managed with DataFlow™ II (milking parlours, sort gate, weighing station)	
Capable of handling more than 5 feeding stations	
Option of managing the ration in three different modes: "By Animal", "By Group" or "By Formula"	
Rationing in real time based on the biometric data of the cow with the feeding mode "By Formula"	
Management and control of food storage containers	
Stable rail Kit (optional)	
Rear gate Kit (optional)	
Liquid food dispenser Kit (optional)	

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