

Urban Alma Pro

„We combine
experience with future.“



FEEDING
TECHNOLOGY

*specialised
in calves*

since 1984



We



Engineering skills with
Daily routine with
Calf rearing with

Words with



combine



practical experience

reduced work load

economical efficiency

actions

Urban Alma Pro

Feeding little portions several times a day is important for the calf in order to reach optimal growth rates. It supports also the development of the calf to become a healthy and productive dairy cow.

With the Urban Alma Pro you can combine intensive rearing with labour saving:

24 h



Intensive feeding / Metabolic programming
(Many small portions like in nature)



Individual feeding



Consistent concentration of the milk



Consistent temperature of the milk



Health monitoring



Improvement of the hygiene (of the barn)



Labour saving



Solutions for small and big herds





Urban
ALMA PRO

Urban

Calf Rearing: Saving time and energy pays off



10%

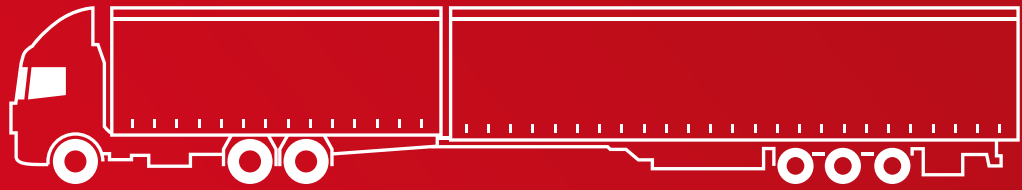
About 10% of all the work on a dairy farm is dedicated to the calves.

A big part of it is spent for **mixing and feeding of the milk** as well as **cleaning of the buckets and /or hutches / pens**.

25%

The costs of calf rearing in the first three months account for about **one quarter** of the whole cost of rearing of a heifer, which is approx. 1.500 Euro.





73 tons milk per year

With 200 l milk per day, you carry approx. 73 tons of milk per year. This quantity of milk fits into a **Gigaliner!**



That's why: Urban Alma Pro is the way to go

With the Urban Alma Pro, you can customize the amount of work in calf rearing economically, without sacrificing the animal welfare. Cleaning buckets, mixing portions and transporting milk are tasks that can be saved with the use of an automatic feeder.

Urban Alma Pro units daily routine with work simplification:

Flexibility – independent of feeding times

Healthy calves = less calf losses = less costs = more profit

Easy use and data retrieval via touchscreen, smartphone or PC

Successful Farming:

The Urban Alma Pro is an investment, which pays off



Improve Calf health and hygiene of the barn



Fully automatic cleaning programm (standard)

All milk carrying parts are protected from flies and dirt
Loop system (circulation cleaning): Cleaning takes place without the hassle of plugging in or out any hoses
Frequency and duration of cleaning variable as desired
2 detergents (alkaline and acidic) as a standard



Fully automatic teat cleaning (option)

after each drinking process - interruption of the pathogen transmission from one calf to the other via the teat.



We combine animal welfare with economic efficiency!

Urban Alma Pro

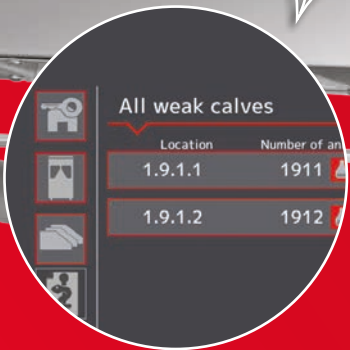
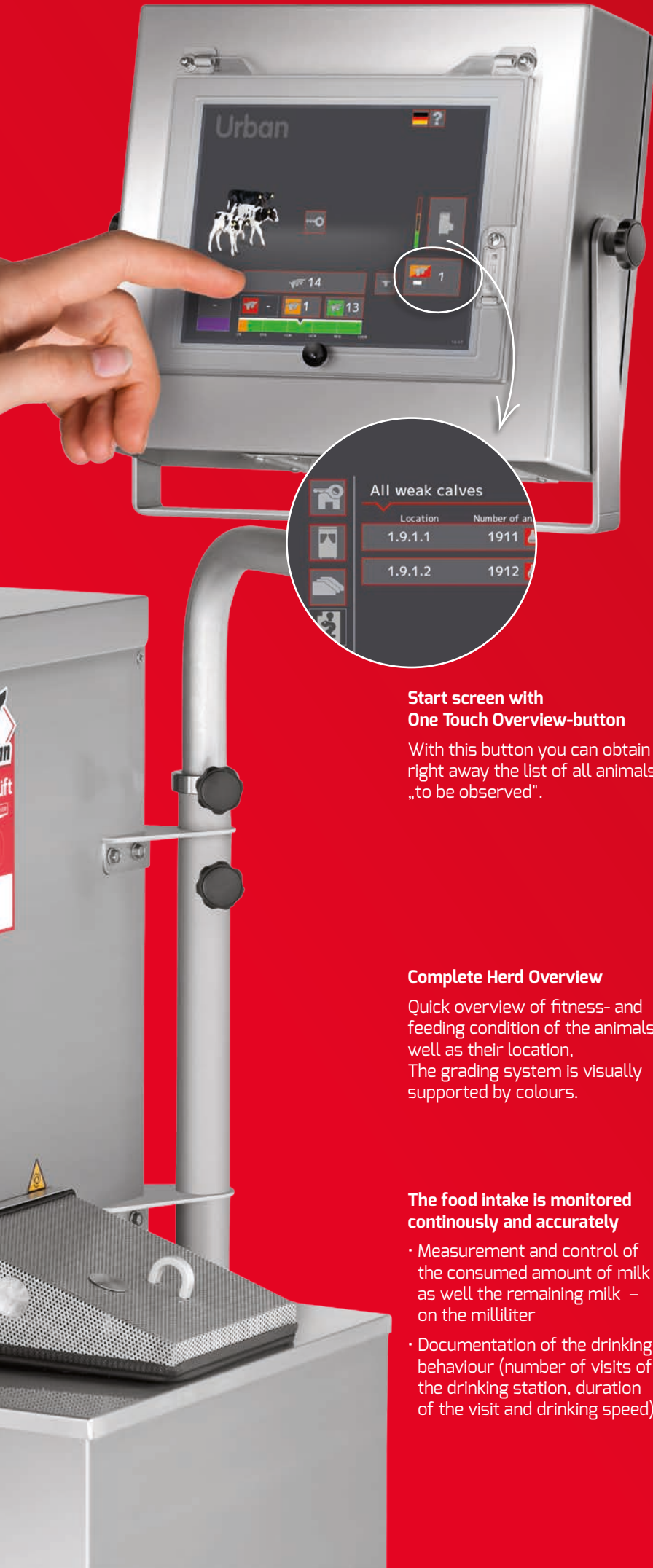
Calf health at a glance

The Urban Alma Pro knows the individual daily requirement of your calves: Every calf gets exactly the individual entitled amount of milk.

You can see how often the animal drank and which quantities did it consume. All relevant data are registered and can be retrieved any time.

It also measures the exact remaining milk, if the calf did not drink its total portion.

If a calf does not drink enough, the calf feeder Urban Alma Pro will trigger an alarm immediately. That way you can react quickly.



Start screen with One Touch Overview-button

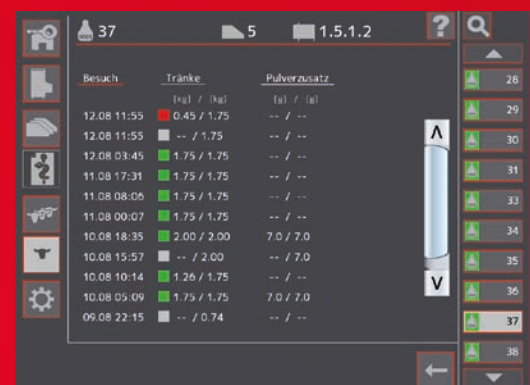
With this button you can obtain right away the list of all animals „to be observed“.

Complete Herd Overview

Quick overview of fitness- and feeding condition of the animals as well as their location. The grading system is visually supported by colours.

The food intake is monitored continously and accurately

- Measurement and control of the consumed amount of milk as well the remaining milk – on the milliliter
- Documentation of the drinking behaviour (number of visits of the drinking station, duration of the visit and drinking speed)



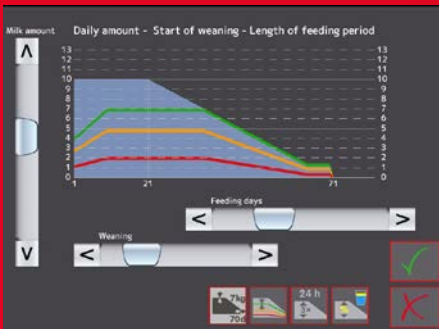
User-friendly: Feeding via touchscreen

Unique monitoring and convenient setting and adjustment of feeding curves allow you to feed the animals appropriate to their individual needs and to make calf rearing more efficient and profitable.



Feed Overview

This monitoring is unique among today's feeding systems. The evaluation system provides you at all times with a quick overview, if the calf drank sufficiently or if it needs support. The overview graphically presents the daily amounts consumed, the feed consumed in the last seven days as well as the drinking behaviour: how much and how fast the animal drank.



Create as many feeding curves as you like and adjust them simply with the touch function:

- Daily amount of milk
- Size of the portion and distribution of portions
- Feeding days
- Weaning
- Alarm system
- Feed concentration



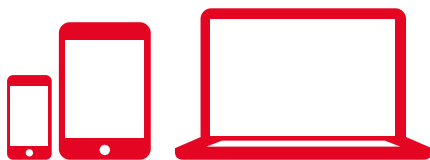
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Establish contact easily!

Operation and data retrieval via the integrated touchscreen is very easy. Other remote control options via PC, smartphone or tablet make the Urban Alma Pro even more comfortable.



2016-08-19 12:00
3510
Error occurred at feeder 1.1:
Check red detergent



Full functionality and alarm function with iPhone, iPad, Android- and Windows-smartphone as well as via PC

With the smart device or PC you can use all the functions of the Urban Alma Pro* – from monitoring until adjusting the feeding curves.

Thanks to the alarm system you can recognise a suspect calf, even when you are not in the barn.

* 2,4 GHz



Request the status of the feeder via SMS and receive an answer directly from the feeder

This request* of the status and alarm system via SMS works with any mobile phone.

* only in European countries



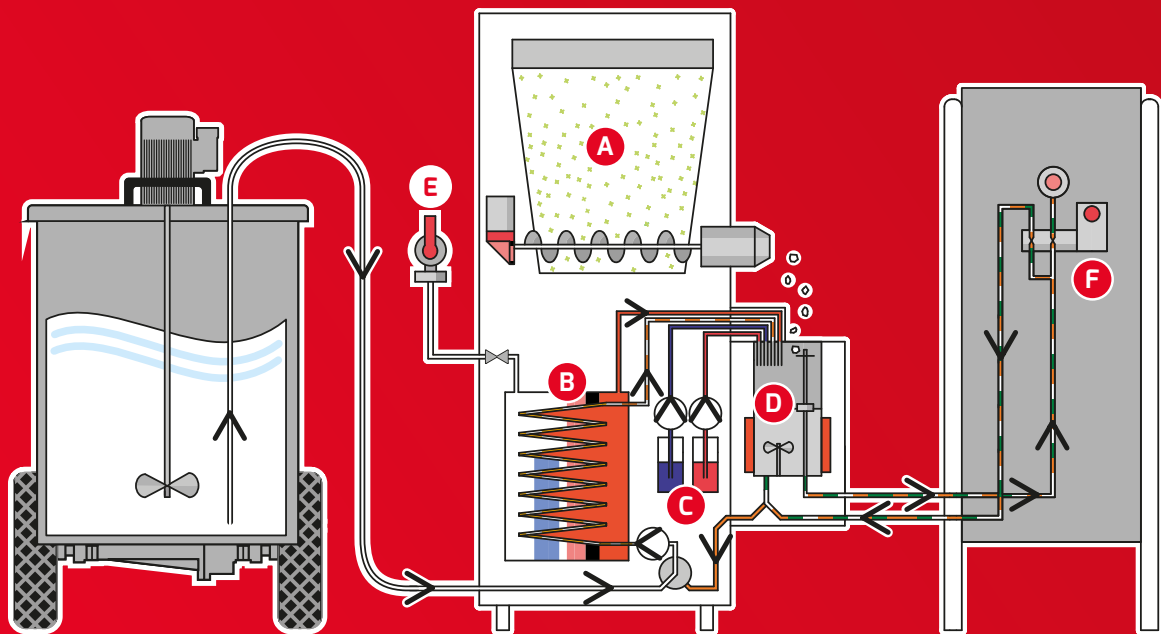
Milk, as it should be

Well mixed milk at a constant temperature and concentration is essential for healthy calf feeding. With the Urban Alma Pro this becomes effortless – and you are flexible in feeding milk replacer, whole milk or a combination of both.

- A** Powder storage
- B** Heater
- C** Detergent acidic and alkaline
- D** Mixing bowl
- E** Water supply
- F** Station valve

Required connections:

- Water supply
2 to 4 bar (29 to 58 psi)
- Socket outlet with earthing
contact 240 V / 16 A



Whole milk
(option, e.g. with the Urban MilkShuttle)

Feeding CMR with the Urban Alma Pro
(standard)

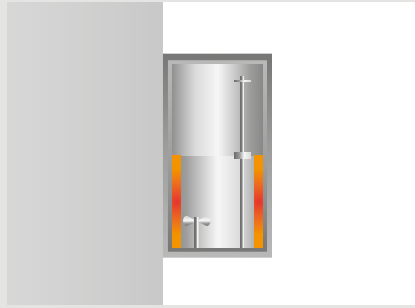
Drinking station
(up to 4 stations)



A combination of whole milk and CMR from 0 to 100% is possible (i.e. 40% whole milk / 60% CMR).



Feeding always with a constant temperature



Always milk at a consistent temperature: with the heated mixing bowl and temperature sensor at the bowl and at the station



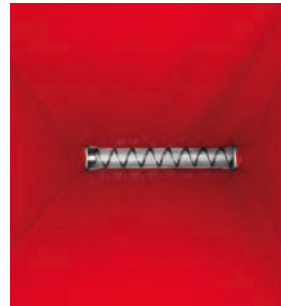
Powder is always mixed at the optimum temperature. The calf gets a milk feed with all essential nutrients.



No sticking of the powder at the powder outlet, thanks to its round shape.



Lateral mechanism to move the powder bag. No powder gets stuck and the powder can be dosed uniformly.



The spiral conveyor ensures the optimal dosage of the powder.

No sticking of the powder – always consistent mixture of the milk

Easy to fill in



Solid housing frame, low filling height



Compact, frost-resistant feeder made of stainless steel



Consistent milk temperature also for single housing

Milk extraction button: By pressing a button, the tap dispenses milk at a consistent temperature and concentration.



Parallel feeding: feed four calves simultaneously



One Urban Alma Pro can feed up to four calves at the same time.

Advantages of parallel feeding:

- Simultaneous supply of four calves at four different drinking stations.
- Milk with the correct temperature at every station at the very first mouthful (through circulation of the feed)
- All milk transporting parts and hoses are included in the cleaning
- No waiting times at the drinking station, thus increased machine capacity
- Encapsulated, frost-resistant supply unit at the drinking station
- Recording of feed consumption up to the exact millilitre, even for remaining quantities
- Simplified teaching, especially when housing larger groups of animals



HELT DIVERSIFIED, LLC
Waunakee, USA

70 to 100 calves in 4 groups with up to 25 each
 One Urban master unit connecting 4 other feeders
 Feeding pasteurized whole milk with protein-mineral
 balancer mixed in

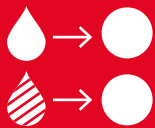


Flexibility-Upgrade: Urban Alma Pro Duo



Feed Two different CMR's to **one** group

The calf is supplied in each phase of development with optimal energy and nutrients. With the use of a high quality milk replacer in the first two weeks, you can improve the growth performance of your calves considerably.



Feed different CMR's to **two or more** groups

Feed different groups with different milk replacer and supply them optimally i.e. age- or gender specific.

x2

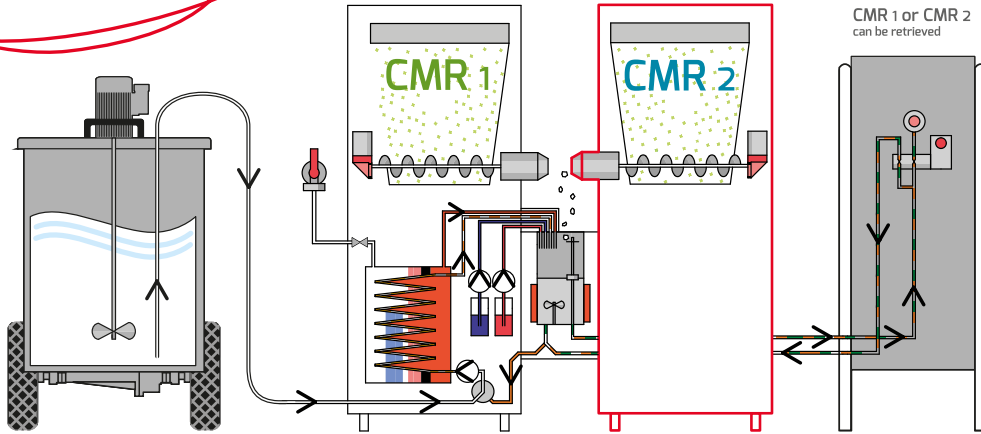
Additional powder stock

With the calf feeder Urban Alma Pro Duo you can double your amount of powder from 35 to 70 kg.





With the Urban Alma Pro Duo you have also the possibility to feed whole milk – in any mixing ratio



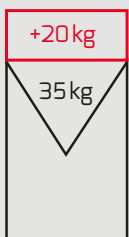
Whole milk feed
(option, e.g. with the Urban MilkShuttle)

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Urban Alma Pro Duo

Drinking Station
up to four stations

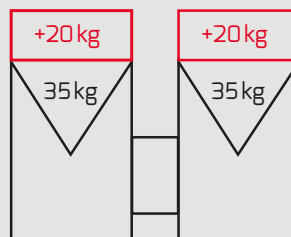
Up to 110 kg milk replacer with the Urban powder hopper extension



55 kg

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Extend your powder capacity from 35 to 55 kg.



110 kg

Urban Alma Pro Duo

Extend your powder capacity from 70 to 110 kg.



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Aiming high

The Urban Alma Pro calf feeding system offers you almost unlimited possibilities of extensions. The feeders can be expanded into a centrally controlled feeder network, managing up to 300 calves.



Urban Alma Pro accessories

Small assistants – big relief



Customize your Urban Alma Pro to your needs with the Original Urban Accessories.

We will be pleased to advise you about how to use the Urban Alma Pro efficiently on your farm.



Dosing unit for liquid additives (1 liter or 5 liters)

The liquid additives are injected directly into the hoses. Individually adjustable (elektrolytes) program. Only calves that need medicine get the medicine.

Dosing unit for powder additives



Tiltable station

for easier cleaning



Swing door station

two groups at one station



Drinking aid





**FEEDING-
TECHNOLOGY**

*specialized
in calves
since 1984*



Follow us!



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calffeeding

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