HANSKAMP

Innovation for dairy farming

BROCHURE



Innovation for dairy farming

Innovation for dairy farming

Henk Hanskamp

Preface

In front of you is the Hanskamp brochure, which clearly reflects our organisation. At Hanskamp, we stand for transparency; it is at the core of who we are. Together, we strive for one clear goal: Innovation for dairy farming!

It is very important to me that everyone within our company experiences the space, freedom and safety to work optimally and enjoyably, so that we can pursue our goal together.

A strong foundation based on trust provides our employees with the necessary tools to work together towards a future-proof dairy sector. Transparency is the key here and can be found everywhere within Hanskamp, from the glass walls in our premises to the open nature of our solutions. We like to share information openly, both online and offline.

In this brochure, you will find a comprehensive overview of all Hanskamp products.

Are you looking for a customised quotation? Please feel free to contact our inside sales staff. We look forward to serving you.

On behalf of team Hanskamp,

Kind regards,
Henk Hanskamp



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04

COWTOILET



CowToilet

A Hanskamp innovation
The cow-friendly solution to retaining valuable nitrogen on the farm.

- **More than 40% reduction in ammonia emissions**
- **Precise and targeted use of resources**
- **Universal for every shed**

Urine values

Nitrogen	6 kg/m3
Phosphate	0 kg/m3
Potash	12 kg/m3

For more information visit our YouTube channel!

The cow-friendly solution

The best for your cows and the most from your land! Every farmer knows that a cow that feels healthy and at ease will perform better. But the land needs to be in good condition as well to yield maximum return. The CowToilet ties these two visions together. The CowToilet ensures that urine is collected separately from the manure. By taking the urine out of the cowshed we create a healthier climate in and around the sheds. Besides that, the CowToilet keeps floors dry and clean which results in greater hygiene and healthier hooves.

Collecting the urine separately from the manure prevents the formation of ammonia and thus ammonia emissions on the farm.

This method also makes nitrogen available as a replacement for chemical fertilizers which can result in substantial yearly savings. Collecting urine separately with the CowToilet leads thus to a more efficient use of raw materials and less ammonia emissions on the farm.

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The cow-friendly solution to retaining valuable nitrogen on the farm!

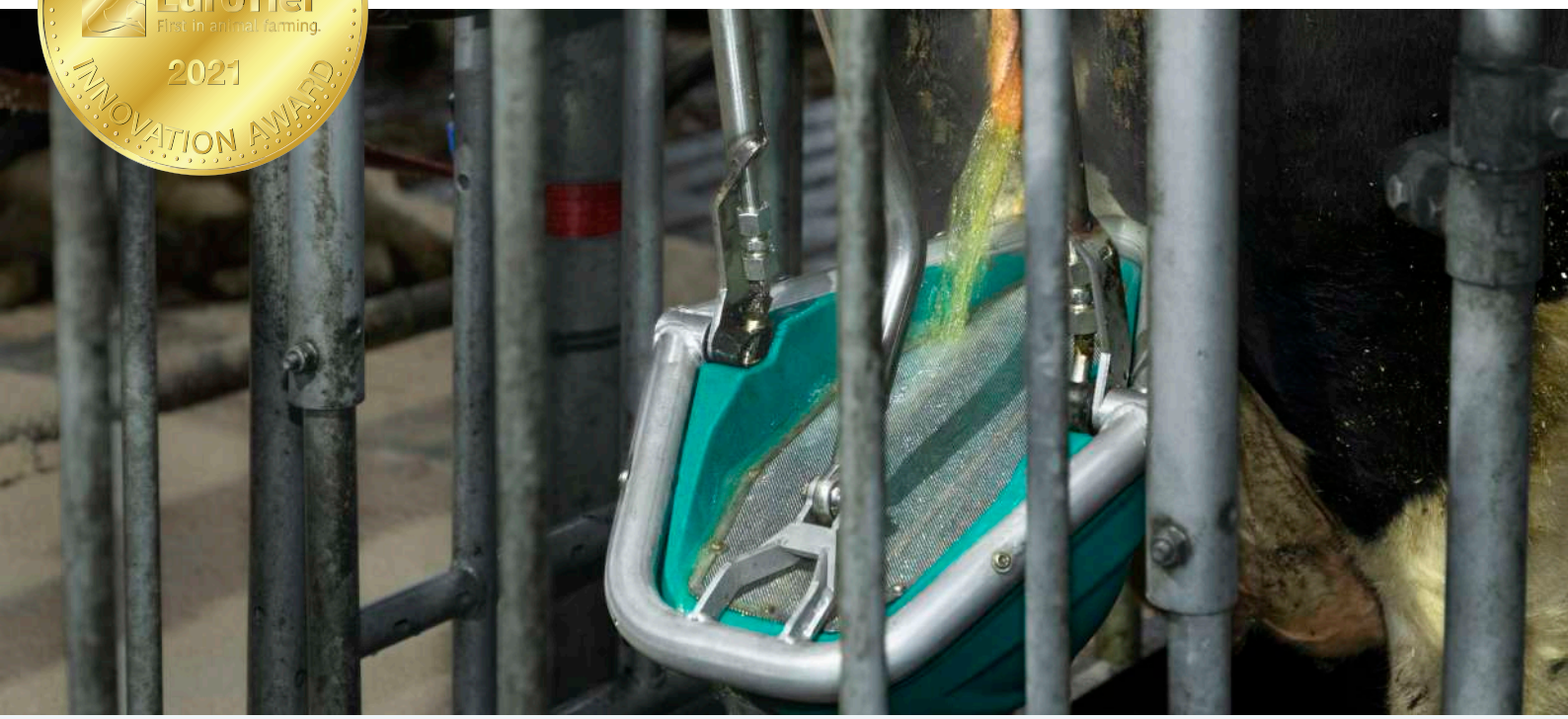
- Reduced odour nuisance
- Improvement for the respiratory

- Can be placed in any stable, also with grazing
- One FeedStation Walk-Through with CowToilet per 25 cows

- Conservation of nutrients on the farm
- No nitrogen deposition in nearby areas

- Dry floors = better hoof health
- Cleaner air = healthier respiratory system
- 12 litres of urine per cow, per day

Eurotier 2021 innovation award!



But how does it work?

Cows are not potty trained, but they are very well creatures of habit. The CowToilet makes use of a natural nerve reflex that causes cows to urinate. To do so, the CowToilet needs to be installed onto a feed station. After the cow has finished feeding, she will be animated to urinate into the toilet.

This is achieved by automatically placing the CowToilet against the cow's suspensory ligament in the udder and triggering the nerve reflex that makes her urinate. The urine is then collected in the CowToilet container and extracted into a separate storage tank through suction.

06

FREELIVINGBARN



FreeLiving-Barn

A new innovation from Hanskamp. A barn with plenty of freedom of movement for the cow and a bedding made of sand or organic material.

For more information visit our YouTube channel!

The barn of the future

A FreeLivingBarn is a barn without concrete, steel and grids but with a fine bedding. The 20 square metre per cow ensures an optimal living environment for the cow. The FreeLivingBarn in combination with the right bedding results in high-quality organic fertiliser that is highly suitable for fertilising the soil. The FreeLivingBarn in combination with the right bedding results in high-quality organic fertilisers that are very suitable for fertilising the land. Organic matter is important for the soil of the land, a good organic matter supply is essential for good crop yields. A better living environment for the cow, the farmer and nature.

Several test farms have shown that a high somatic cell count is a thing of the past in this new barn concept.

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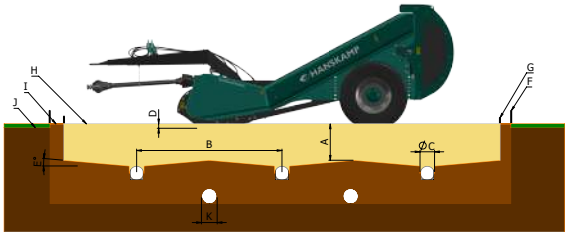
The Barn of the Future

Eurotier 2022 innovation award!



Letter	Meaning	Guideline
A	Depth of sand bed	50 cm
B	Distance between drains	Minimum 200 to maximum 250 cm
C	Diameter of the drain pipes	ø60 – 90 mm
D	Depth of cleaning BeddingCleaner	< 5 cm
E	Slope percentage towards drain pipes	2%
F	Security foil	KIWA 1 mm (must be certified)
G	Foil to guide urine to drainage	Solid film, for example agricultural plastic. Thickness 0.2mm
H	Drainage sand	250 µm to 500 µm
I	Raised sand to put drainage on slope	No requirements
J	Ground level	
K	Drainage pipe control	ø60 – 90 mm which comes out in a well for control
N/A	Central drainagepipe	ø110 mm
N/A	Slope percentage central drainage pipe	0 – 0,5% As long as it is not ascending!!!

- Reduced odour nuisance
- Improvement for the respiratory
- Low maintenance
- Conservation of nutrients on the farm
- No nitrogen deposition in nearby areas
- High cow comfort
- Low somatic cell count
- 20 square metres per cow



How does the BeddingCleaner work?

This machine is essential within the FreeLivingBarn concept and removes the daily fresh cow dung from the bedding. The BeddingCleaner is a kind of mobile sieve and is pulled by a tractor towed over the bedding of the FreeLivingBarn, the most ideal is when the bedding is cleaned once or twice a day. The machine sifts the top layer of the bedding and picks up the cow manure from the bedding and deposits it in the machine's container. The clean bedding falls through the sifting belt and is returned to the bedding in the barn.

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FEEDSTATION
MOBILE



FeedStation Mobile

The FeedStation Mobile enables individual and automated concentrate feeding to cows during grazing.

Durable design

The FeedStation Mobile can easily be placed in to the pasture with a tractor or 4x4 vehicle. All parts of the feeding station are resistant to various weather conditions and easy to operate by the farmer. It also features a built-in 2230-litre silo, which can be easily refilled using a tractor with forklift or shovel.

- Power supplied by solar panels
- 4G internet
- Up to 2 feed types per place
- Spider management feed distribution software
- 2 or 4 feeding places



Automatic and individual concentrate feeding to dairy and beef cattle during grazing

3 stars on the Innov'Space 2024!

With FeedStation Mobile you can

- ✓ **Improve** the welfare of cows by providing a concentrate ration while grazing
- ✓ **Control** feed costs
- ✓ **Optimise** milk and beef production
- ✓ **Automate** feed distribution as much as possible
- ✓ **Manage and control** feed distribution remotely via phone, tablet or computer



How it works

The FeedStation Mobile is equipped with 2 or 4 feeding stations as standard and can dispense up to 2 types of feed per feeding station simultaneously. The feeding station operates independently thanks to integrated solar panels. Automatic feeding is controlled by Spider, the feed computer system. Accessed via smartphone, tablet or computer, the farmer can easily monitor what each cow has eaten. Identification of each animal is done using ear or neck transponders. The FeedStation Mobile also works in the barn by simply plugging the system into a power outlet. This allows the feeding station to be used all year round, both indoors and outdoors.

Spider feeding computer



The Spider is Hanskamp's feeding system for automatically dispensing concentrate to individual animals in the milking parlour or feed station. By feeding automatically and accurately, the Spider contributes to a good business return.


SPIDER
HANSKAMP

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SPIDER

The Spider is the feeding computer at the centre of it all. Similar to how a spider strategically sits in its web and keeps an eye on everything.

User-friendly feeding computer

The Spider is Hanskamp's feeding system for automatically dispensing concentrate to individual animals in the milking parlour or feed station.

The Spider is easy to use. It is equipped with the latest software, developed by our own technicians.

As a result, the system is logical and user-friendly. The Spider can set up its own Wi-Fi network, allowing the system to be accessed by smartphone, tablet or computer. Dairy farmers can easily consult or adjust the system on the spot. The input and exchange of data can be done manually or automatically using a Taurus connection with your management programme.

- Simple and user-friendly to operate
- Reads out all commonly used tags
- Accessible by smartphone, tablet or computer
- Can be linked to your management programme





In - parlour feeding



SPIDER
Innovated by Hanskamp

Feedstation





Reads out all commonly used tags!



In - parlour feeding



The PipeFeeder is the ideal concentrate dispenser for milking parlours, feed stations, or milking robots. Cows fed during milking are happy to enter the milking parlour and have improved milk flow.



16 PIPEFEEDER

18 PIPEFEEDER HIGHSPEED

18 PIPEFEEDER DUMP

19 MULTIFRAME

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PIPEFEEDER



The PipeFeeder is the ideal concentrate dispenser for milking parlours

Non-spilling feeder

The PipeFeeder is the ideal concentrate dispenser for milking parlours, feed stations, or milking robots. Cows fed during milking are happy to enter the milking parlour and have improved milk flow, because the hormone oxytocin is produced in abundance. Oxytocin levels must remain high for optimum milk yield. Our PipeFeeder responds perfectly to this, because the PipeFeeder constantly provides small amounts of feed during milking. This helps keep cows' attention on the feed trough, keeping them calm until milking is complete.

The PipeFeeder has a unique 3-in-1 concept, consisting of a dispenser, supply of concentrate, and drop tube.

Thanks to the new and improved mechanism, the PipeFeeder allows for both pelleted concentrate and raw material blends. Thanks to the limited drop height between the dispensing opening and feed trough, the PipeFeeder is quiet and dust-free. The anti-spill dispensing system prevents cows from being rewarded for bumping into the station.

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- Also for raw mixtures
- Accurate dispensing
- Quiet and dust-free
- Shorter milking times, improved milk yield, and more peace



The PipeFeeder is also very successful in the feed station or the milking robot!



The Hanskamp PipeFeeder is available in the combinations below

PipeFeeder linked to Spider
PipeFeeder linked to extern cow recognition
PipeFeeder stand-alone individual
PipeFeeder stand-alone batch
PipeFeeder for feed station / milking robot

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PIPEFEEDER
HIGHSPEED
& DUMP



PipeFeeder Highspeed



Concentrate dispenser for rotary's

A rotary feeder for cows, sheeps or goats must be able to dispense concentrate quickly and precisely. That is what the PipeFeeder HighSpeed does!

De PipeFeeder HighSpeed fits every brand milking rotary and can be connected with every feed computer.

If you need to be able to discharge larger amounts or multiple types of feed, you can add a second PipeFeeder or/ and a PipeFeeder Dump!

PipeFeeder HighSpeed Dump

PipeFeeder Dump is the extension of your PipeFeeder HighSpeed

The PipeFeeder Dump is installed under one or two PipeFeeder HighSpeeds at a fixed point in the carousel. The feed from the PipeFeeder(s) collects in the PipeFeeder Dump's storage tube. The dump valve empties the entire storage tube at a rate of 2 kg/sec, without spilling. The PipeFeeder Dump is available in a 1-kg version for goats or a 4-kg version for cows.

- Fits in every rotary
- Efficient feeding without waste
- Robust stainless steel dispenser

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MULTIFRAME





Herringbone milking parlour frame (30° - 70°)
MultiFrame is the robust and practical milking parlour frame, which meets the requirements of the modern dairy farmer who wishes to feed in the milking parlour.

The MultiFrame has an open design and a perforated stainless steel feeding trough. This unique feeding trough has a perforated bottom that works like a sieve.

This ensures that any water from cleaning the milking parlour drains away immediately. The feed trough also has an optimal shape and size, adapted to the cow's nose. Cows do not throw feed out of the bowl!



The feed trough also has an optimal shape and size, adapted to the cow's nose.

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CONTROLPANEL



The ControlPanel makes it possible to easily adjust the amount and distribution time to ensure that the cows are fully focused on the feed and milking runs more smoothly. The ControlPanel is simple to use, but smart enough to do what is necessary. The display shows the exact progress of the feeding process and helps to adjust any settings.

Easy to adjust

With this stand-alone system, it is now even easier to feed in the milking barn. Per individual feeder or per side. The feed can then be adjusted more easily by means of a simple press of the touchpad.

The ControlPanel is also suitable for time-controlled interval feeding, making it possible to feed at set times throughout the day.

The touchpad shows how far along the feeding process is in terms of time and amount.
The ControlPanel calculates the distribution of feed over time, then this information is stored for the next round.

- Easy to use
- Smart & robust
- Feeding individually and per side



Robust and smart

The ControlPanel is 100% waterproof and able to withstand impacts. The controls have been improved and simplified compared to our previous ControlPanel. The ControlPanel vibrates when touched and when settings are changed. The buttons on the screen illuminate when the feeding process is in progress. The settings can be adjusted to meet your requirements, such as pulse times, feeding intervals, the colour of the screen and language.

With this stand-alone system, it is now even easier to feed in the milk barn.

Feedstations



The transparent design of the feeding station is a big plus and ensures that the cow always maintains good contact with the flock.
The FeedStation comes standard with one innovative PipeFeeder.



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FEEDSTATION
WALK-THROUGH

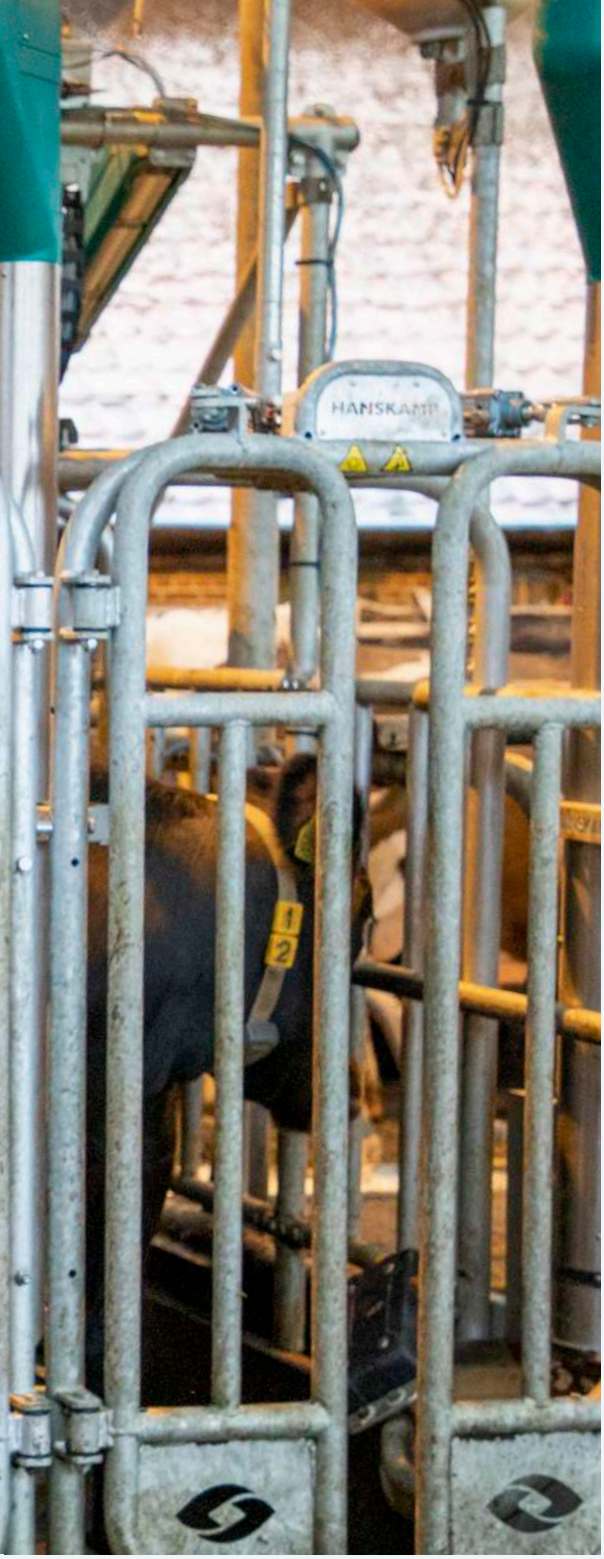
30
FEEDSTATION
WALK-IN

31
L'PORT CLOSING
GAT

NEW
32
L'PORT ELECTRIC



At Hanskamp you have come to the right place if you want solid concentrate feeding stations with extras such as a L'port closing gate to protect the cow and the MultiDos for dispensing liquid additives. We supply both a Walk-In feeding station and an ingenious Walk-Through feeding station.



Since 2020 one of our test farmers has switched from the FeedStation WalkIn to the FeedStation Walk-Through. A choice he is very enthusiastic about. The installation of the Walk-Through went very efficiently.

The farmer uses the Spider feeding computer for the automatic and individual dispensing of feed concentrates. This Spider provides insight into which cow is in the Walk-Through and about the amount of dosed feed.

What the farmer really finds very useful about this Spider is that you can use the Spider app on your smartphone to control both the feed station and the supply of feed. If a heifer does not know the feed station, she will keep sniffing around in front of the entrance. The farmer indicates that he can then give a feed pulse remotely, via the app, in order to lure her into the Walk-Through FeedStation for the first time.

Since the FeedStation Walk-Through is being used in this shed, the number of feeding station visits per day has increased significantly. From an average of 482 visits per day in the Walk-In to an average of 593 visits at the Walk-Through. An increase of no less than 23% per day on average.

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The farmer sees that the cows feel at ease in the Walk-Through feeding station. He therefore clearly emphasises the advantages of this type of feeding station.

The cow walks into the station, after which the L'port behind her safely closes the station. She receives her portion of feed and can eat it quietly without being distracted, while still maintaining contact with the herd due to the open character of the Walk-Through.

When the meal is eaten she walks forward through the T'port out of the feeding station, while behind her the L'port rises with a slight delay in relation to the T'port. Because of this, there is a very smooth change between the cows.

Through this principe changes are possible in 3 seconds

Where other feeding stations sometimes need up to 13 seconds. The capacity of the FeedStation Walk-Through is therefore very high.

The FeedStation Walk-Through is a real improvement on his farm!

Another advantage is that when the cow leaves the FeedStation Walk-Through, it immediately sees where it is going and can defend itself with its head.

It is also quieter at the front than at the entrance to the feed box. It is especially pleasant for the younger cows to be able to walk out of the feed station at their own pace.

The test farmer knows for sure: the FeedStation Walk-Through is a real improvement on his farm!



We know farming like the back of our hands

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FEEDSTATION
WALK-THROUGH



Its cow-friendly design makes the FeedStation Walk-Through the feeding station of the future.



The cow-friendly Walk-Through feed station

This unique feed station has been designed so the cow can enter and leave the FeedStation Walk-Through forwards. This prevents unnatural movements, stress, and damage to the legs. Cows feel safe in the FeedStation Walk-Through.

Closing off the feed station allows the cow to eat her feed without being rejected or driven out.

Leaving the feed station forwards is better for the cow. By leaving at the front, she can immediately defend herself with her head. When a cow walks out of the FeedStation at the front, another cow can immediately walk in via the rear. This results in an optimal cow traffic. Three second switches are not an exception.

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- Faster and friendlier cow switches
- Optimal cow traffic
- Ideal for pasturing



Cow comfort at its best with this unique Walk-Through feeding station

FeedStation Walk-Through extended



FeedStation Walk-Through extended is an extended feedstation that uses less air pressure.

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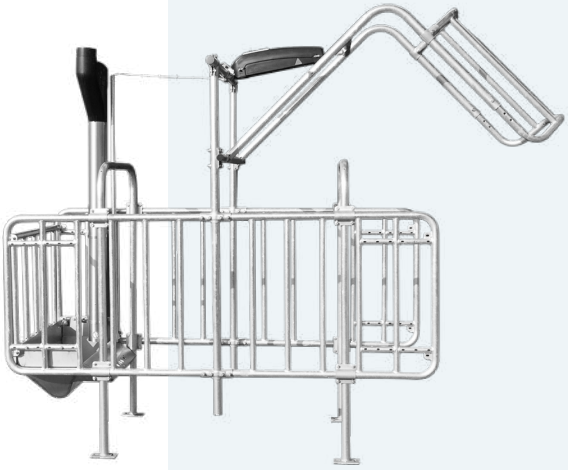
WALK-IN





Walk-In

The FeedStation concentrate feeding station fits in every shed and can be connected to any feeding computer. Installation of the FeedStation is quick and easy.

Clever and modular character of the FeedStation.

Several FeedStations can easily be connect together in the shed.



- Can be linked to any control
- Open character
- Inclusive PipeFeeder

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L'PORT

The L'port closing gate is an air-powered gate that closes the entrance to the concentrate feeding station.

L'port

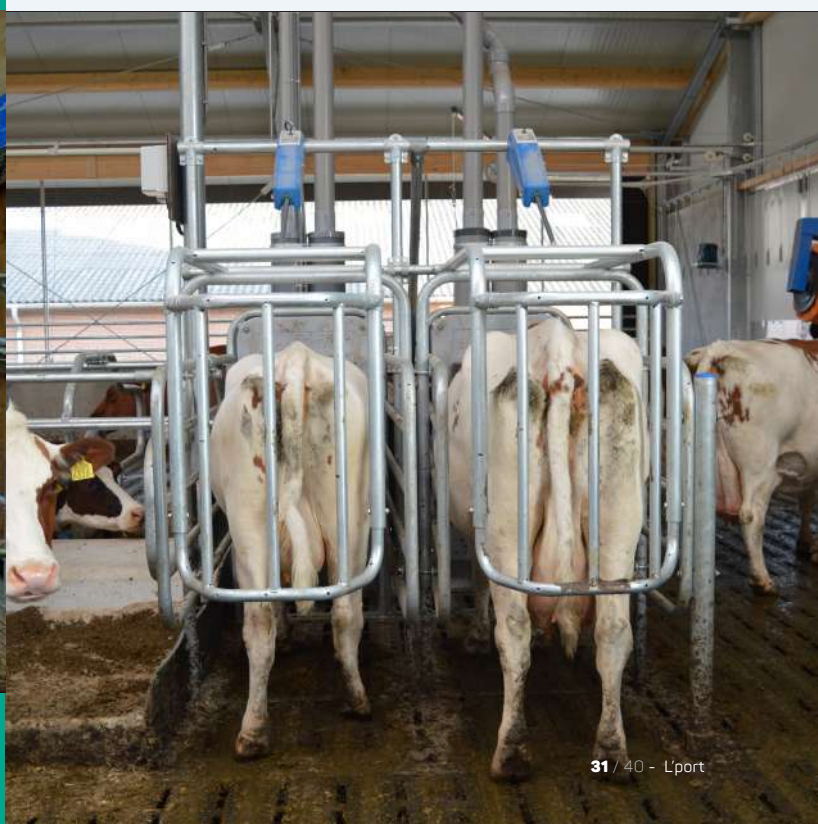
The L'port closing gate is a pneumatic gate that closes off the entrance of the feed station. The main benefit of a pneumatic gate in comparison to a mechanical gate is that cows can no longer occupy the feed station unnecessarily. This ensures the feed station has no loss of capacity and all cows have the opportunity to take in their required amount of feed. An additional benefit is that the gate works by moving upwards, hardly taking up any space and ensuring that cow traffic remains unhindered.

The L'port closing gate ensures that the feeding station is securely closed. So the cow can eat in peace.

The L'port closing gate securely closes off the feed station. Lower-ranked cows can no longer be rejected from the feed station. The L'port closing gate guarantees that every cow is able to consume her concentrate in peace. The gate also prevents any damage to the udders and rear legs. An L'port closing gate provides peace in the entire shed!

- Better feed intake
- Fits every brand and type of feed station
- Udders are fully protected from bumping cows



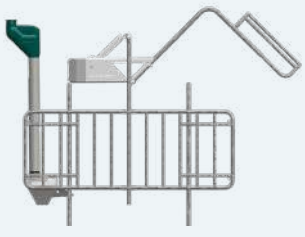


32

L'PORT
ELECTRIC

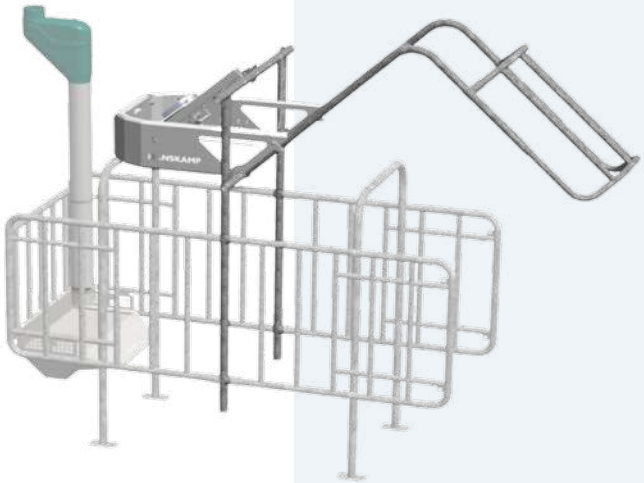
L'Port Electric

Eating concentrate in peace



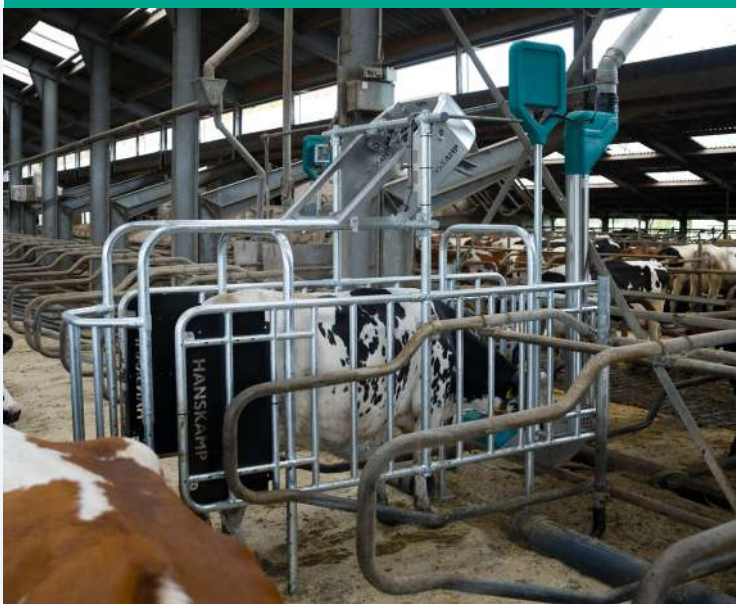


An electric version of the L'Port closing gate will be available from mid-2025, in addition to the existing pneumatic version. This new option offers livestock farmers additional flexibility depending on their preferences and operating conditions. The plug and play design makes installation easy and thanks to its connection to standard 230V AC, the electric version fits most parlour feeding stations. Like the pneumatic version, the L'Port Electric only closes when the cow has permission to feed, providing extra protection and preventing bruising to the udder.



- Only closes when the cow has permission to eat
- Every cow receives the right amount of concentrate feed
- Protects the cows that are eating
- No more bruising of the udder
- Fits most parlour feeding stations
- No compressed air needed
- Saves +/- 50 kWh per month
- Operates on 230V AC
- Plug and play







Liquids and powder dispensers





36 MULTIDOS

37 MULTIFILL

38 BLACK-V

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MULTIDOS

A cow close to calving uses a lot of energy, but due to a smaller stomach volume, maximum feed intake is not possible.

MultiDos

A solution to prevent a negative energy balance is to administer liquid energy individually. This ensures that the cows start up more easily and reach the production curve sooner. Automatically administering individual and exact liquids is easily done with the MultiDos.

You connect the MultiDos directly to your feedstation or milking robot.

Regardless of the brand of feedistation or milking robot, the MultiDos always fits. Practice has proven that cows absorb the dosed liquid product over the concentrate excellently! Dosing liquids in the carousel is possible with the MultiDos HighSpeed. Ask our dealer support team.

- Individual dispensing, connected to the feeding computer
- Fits on every feedstation or milking robot
- No stress during administration
- Fit and healthy cows





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MULTIFILL





Multifill

Thanks to the MultiFill, the MultiDos does not need to be refilled manually.

The MultiFill is a self-priming pump that automatically fills the MultiDos container from the storage tank.

The MultiFill can refill containers over a distance up to 75 meters. Combine the MultiDos and the MultiFill to take work off your hands.



- Automatic filling from the storage container
- Just check that the large storage tank is not empty yet
- You don't have to worry about it anymore

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BLACK V

Accurate dosing of small quantities, that's what you expect from a powder doser. That does the Black-V, the ideal doser for minerals in the form of powder or meal.

Compact powder dispenser

A powder dispenser must be able to accurately dispense small amounts. That is exactly what the Black-V does, the perfect dispenser for meal, powder or crumble. Depending on the portioning end cap and the thickness of the auger, the Black-V dispenses portions of 5 or 15 grams. Like all other Hanskamp solutions, the Black-V is anti-spill. Bumping against the dispenser is a thing of the past.

The Black-V is ideal for the small spaces of the feeding station or the milking robot.

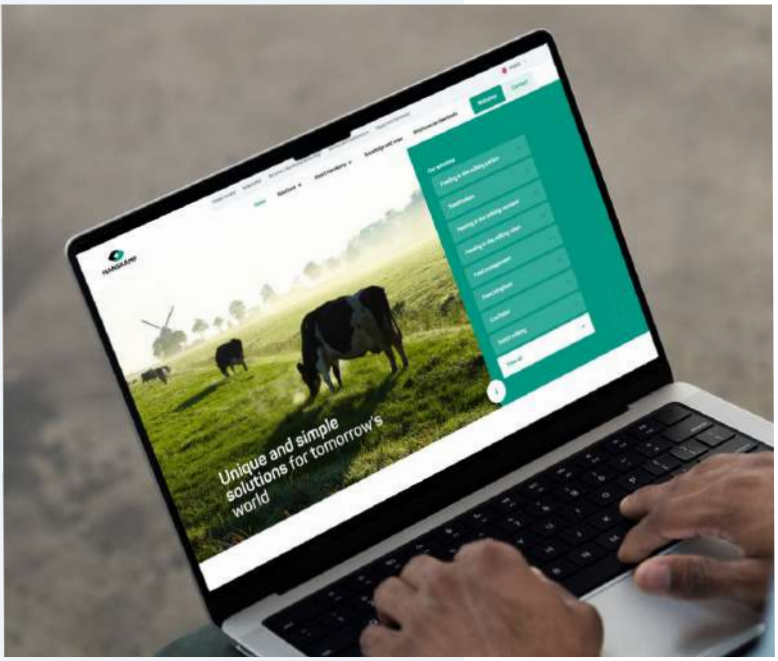
The Black-V is perfect for smaller areas in the feed station or milking robot. If there is enough space, the Black-V can be expanded with a 28 L storage container. The transparent plastic container makes it easy to check the concentrate supply at a glance. For more options or if you have any questions, please feel free to contact our sales support team.

- Suitable for powder dispensing
- 5 10, of 30 gram per portion
- Anti-spill and accurate
- Interesting in DeLaval feed station or milking robot





Hanskamp Online



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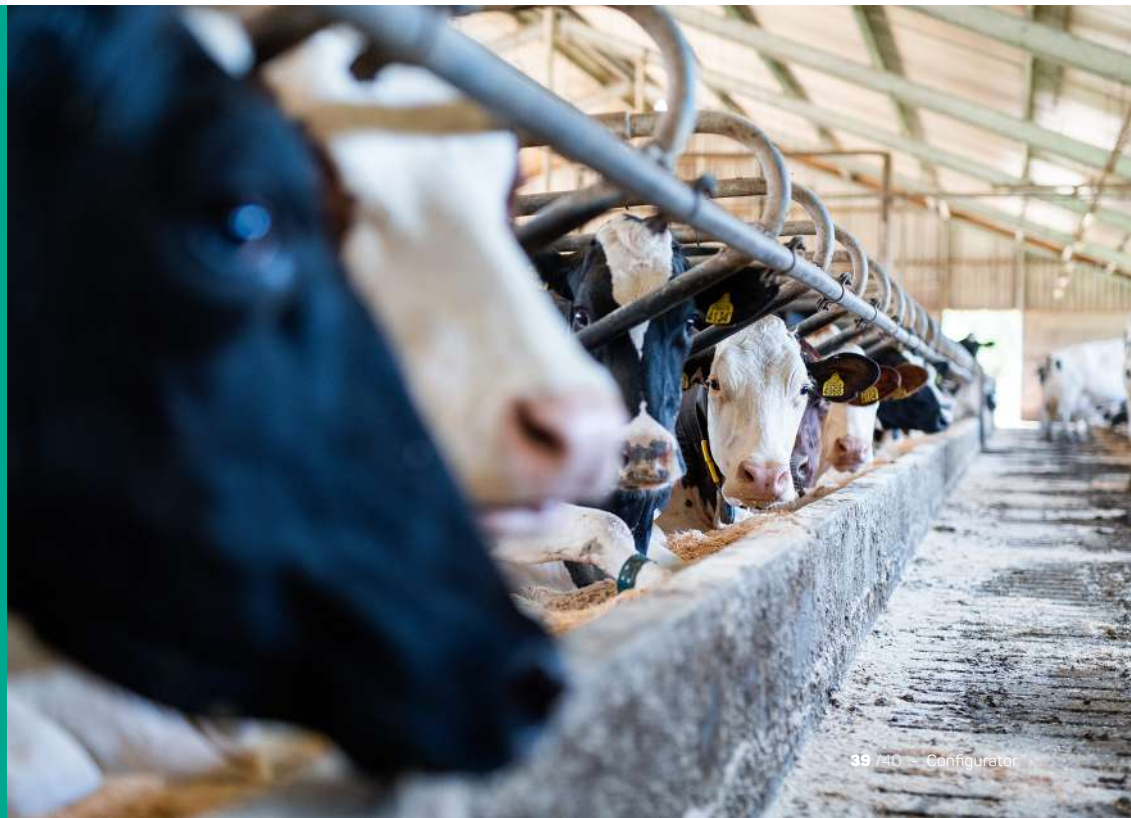

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Innovation for dairy farming

INNOVATION FOR DAIRY FARMING

Customized advice

Feel free to contact us for a quote or any specific questions. Our sales support team gladly helps you find the suitable solution for your specific problem.

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