

ENGLISH

Designing
solutions
since 1989

MILK BAR™
easy for you, healthy for them

2026/ 2027



The calf's digestive physiology

The calf's digestive system is adapted to receive milk slowly from the cow.
When suckling, the calf's mouth creates both a positive (pushing down) and negative (sucking) pressure onto the teat. In this way, the calf can only swallow small sips of milk at a time.

The calf produces an abundance of saliva, which is vital for balancing pH in the abomasum and supporting curd formation.
Saliva contains lactoferrin and lactoperoxidase, with antioxidant and antimicrobial properties that support the calf's natural defences.

Lactoferrin is an important part of the immune response. It increases immune defence by inducing a broad spectrum of antimicrobial effects against microbial infections.

Lactoperoxidase (LP) oxidises groups of enzymes and proteins which are essential to microbial metabolism. This alters the metabolism of bacteria and causes lesions or changes in the bacterial cell which reduces the bacteria's ability to multiply.

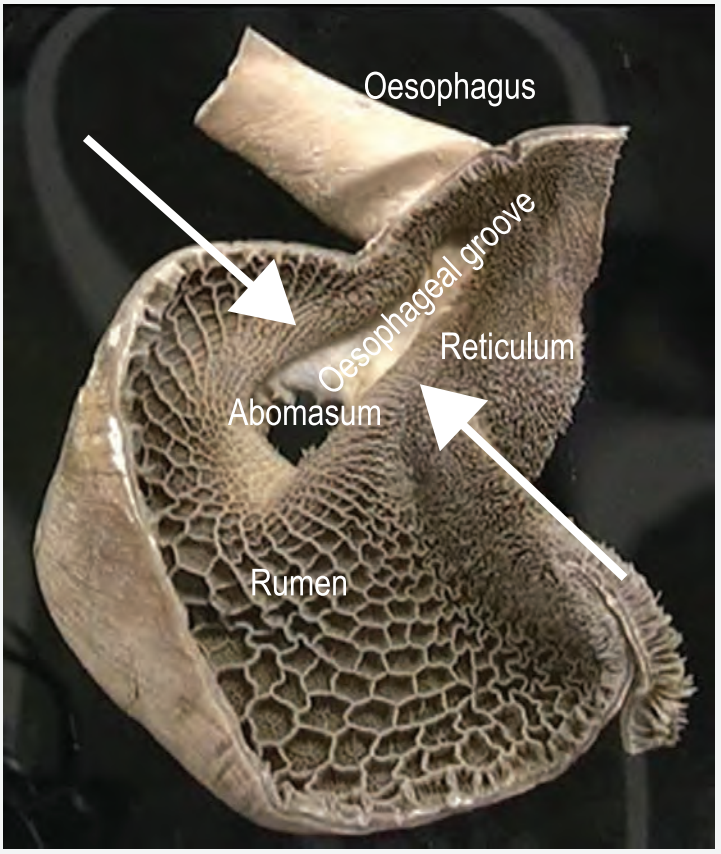
The Oesophageal Groove and the Abomasum.

When a calf suckles, the oesophageal groove closes and forms a small tube to direct the milk past the rumen and into the abomasum.

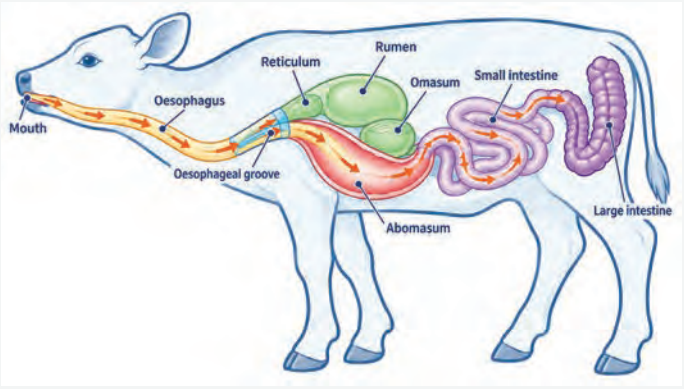
A fast flow of milk can cause oesophageal groove dysfunction where milk overflows into the rumen. There are no enzymes in the rumen to digest milk and so ferments and releases volatile fatty acids and excess gas.
These are commonly seen as acidosis and bloat.



Milk ferments in the rumen, producing excess gas (bloat) and volatile fatty acids (acidosis).



Feeding with a controlled milk flow (cow or Milk Bar™ Teat)

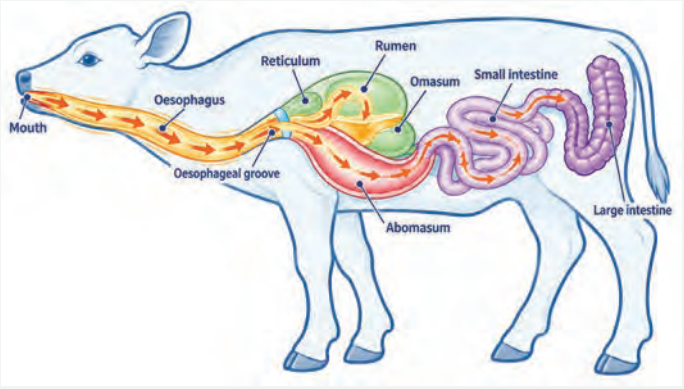


- Milk and saliva slowly enter the oesophagus.
- The controlled flow protects airways from milk.
- The oesophageal groove closes to protect the rumen from milk.
- The milk-and-saliva mixture enters the acidic abomasum, where a curd forms.
- Lactose is absorbed into the bloodstream.
- The digested milk then passes into the intestines for further nutrient absorption.
- The longer drinking time helps satisfy the suckling instinct and reduce cross-suckling.



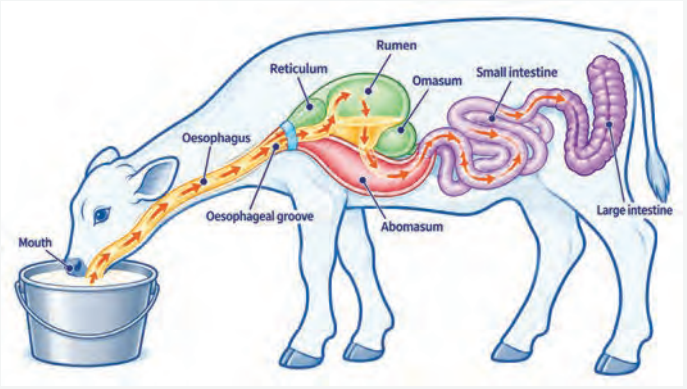
Correct suckling stimulates the production of thick, protective saliva - essential for immunity and healthy digestion.

Feeding with a fast flow teat



- Milk enters the oesophagus at speed and can enter the airways (coughing when drinking).
- The oesophageal groove overflows and milk can enter the rumen (bloat, acidosis).
- Little saliva is produced, which can compromise the conditions needed for effective curd formation.
- The excess lactose passes into the intestines to become a food source for bacteria (scours).
- The suckling instinct is unsatisfied and calves are hyperactive after feeding (cross suckling).

Feeding from a bucket



- In this position, the body prepares to receive water or forage.
- The oesophageal groove remains open and milk is directed to the rumen (bloat, acidosis).
- Milk can enter the airways via the nostrils.
- No saliva is produced, the pH does not balance, so curding is prohibited.
- Excess lactose passes into the intestines causing milk diarrhoea (scours).
- The suckling instinct is unsatisfied and calves are hyperactive after feeding (cross suckling).

Milk in the rumen is a key contributor to rumen acidosis and ill thrift.' Source - Dr. Jim Quigley

Nutritional Diarrhoea - Prevention



Milk Bar™ Teats are proven to increase lactose absorption

Saliva plays a crucial role in **altering the pH** in the abomasum.
Saliva is alkaline (pH8.2) while milk is almost neutral (pH6.7).
Before feeding, conditions in the abomasum are acidic with a pH of around 2.

As the calf suckles correctly, milk mixes with saliva before entering the acidic abomasum, where it coagulates to form a curd.

The lactose in the curd is broken down to glucose and galactose which are absorbed into the bloodstream.

Without sufficient saliva production, the optimum pH for coagulation is not met, which inhibits proper curd formation in the abomasum. This can lead to raw milk and lactose, entering the intestines where it provides an excellent nutrient source for bacteria, such as E.coli, to feed on and multiply.

Nutritional diarrhoea (scours) is linked to feeding speed

'Diarrhoea can usually be traced back to a failure of adequate milk digestion in the abomasum. Nutritional diarrhoea is simply the end result of an oversupply of lactose in the intestines, caused by milk moving too rapidly out of the abomasum, so it cannot be broken down quickly enough. Nutritional diarrhoea often progresses to infectious scours. Pathogens use excess lactose as a nutrient source to increase in numbers.
Source- Victoria Department of Primary Industries.

Nutritional diarrhoea has long term implications:

'Cows that had contracted mild diarrhoea during their first 3 months of life had 344 kg lower ECM305 than those without diarrhoea.
C. Svensson, J. Hultgren 2008

Calves who suffer from nutritional diarrhoea have a reduced average daily gain which can impact future conception.

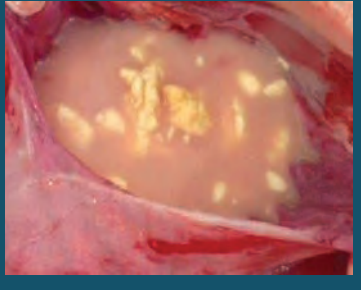
Research

Under farm conditions, slow-release teat system (Milk Bar™ Teat) may reduce diarrhoea and other digestive problems in young calves during peak milk intake due to increased ileal digestion of nutrients, preventing undigested nutrient flow to the hind gut.
Source - Journal of Applied Animal Nutrition



Milk Bar™ Teats: **3mg/gm** of lactose remained two hours after feeding indicating more effective absorption into the bloodstream.

Fast flow teat: **12mg/gm** remained in the abomasum. High concentrates in the intestine and faeces puts these calves at risk of nutritional diarrhoea.



Cross suckling - Prevention

To prevent starvation, the brain tells the calf how long to suckle for.
If a calf drinks faster than 'cow speed' she will finish her ration too quickly. The milk is finished but the brain is telling her to continue drinking. The calf tries to continue suckling so sucks on other calves or surroundings.

By feeding as closely as possible to 'cow speed', the suckling instinct is satisfied and calves are quiet and content after feeding.

A calf fed 4L should take around 12 - 15 minutes to drink.
If a calf drinks 4L in 8 minutes or less, she will spend the next 4 - 5 minutes cross sucking.



Milk Bar™ Teats are proven to help prevent cross suckling.

Research

Calves fed with Milk Bar™ Teats were settled and content after feeding.
All calves had healthy, undamaged teats and the keratin plug remained intact to protect the teat canal. Source - Journal of Applied Animal Nutrition



Healthy, undamaged teats and udders on calves fed with a controlled flow and proper suckling action.

Calves fed from a faster flow teat cross-suckled vigorously after feeding.
Cross-suckling damage and loss of the keratin plug was common.



Cross-suckling is linked to feeding speed

'During the trial, it was observed that calves fed the faster flow teats had a much greater incidence of hyperactivity immediately post feeding and were more likely to engage in non-nutritive sucking of each other's body parts (including muzzle, navel and udder). Source - Journal of Applied Animal Nutrition



Cross-suckling has short and long term implications:

Cross-suckling is directly linked to first lactation mastitis and blind quarters and prevents a heifer from ever reaching her full potential.

Weight Performance - Improve



Milk Bar™ Teats are proven to increase ADG.

Improving nutrient absorption is key for calves to fully benefit from good nutrition programmes.

Improve lactose absorption

Lactose is released from the milk curd in the abomasum. It is broken down to glucose and galactose and these are absorbed into the bloodstream to form the major energy sources for young calves.

Improve fat digestibility

Saliva contains **pre-gastric lipase** which starts the digestive processes and is required for the digestion of fats. The breakdown of milk fat to energy starts when contact is made with the pre-gastric lipase rich saliva.

Positive impacts on increasing ADG

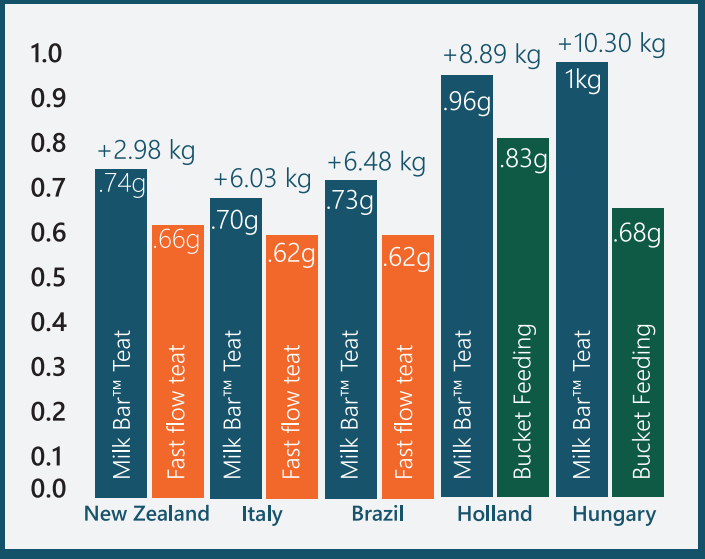
'Pre-weaning ADG had a significant positive effect on first-lactation performance: every 100 gm of pre-weaning ADG was associated with 85 to 111.3 kg more milk during the first lactation.' Source: Soberon et al., 2012

A US trial compared Milk Bar™ with a fast flow bottle system - 100 calves fed with Milk Bar™ Teats and 100 calves fed with a fast flow teat.
These calves are born in the same week. The blue paint are Milk Bar™ calves showing significantly more development at 6 months old.



Research

'Using slow flow rate teats to feed calves from day old to weaning appears to have an important impact on digestive processes in the immature gut.
Such improvements in digestion and rumen development in young calves may assist in the digestion of milk and other feeds, leading to improved growth performance. Source: Journal of Applied Animal Nutrition




Milk Bar™ Teats

NZ Pat Appln 727000, 787055. NZ Des Reg. 420972 PCT Pa
Applications PCT/NZ2016/050190 & PCT/NZ2020/050110
International Patents and Designs pending or apply to all Milk Bar™ Teats.



Specifically formulated for very young or weaker calves, the Milk Bar™ Training Teat encourages the correct suckling action and stimulates saliva production to support immunity and healthy digestion.

Use it with a bottle or feeder for the first two to three days.

Once calves are drinking confidently, transition them to the Milk Bar™ Teat for continued health and performance.



Code 900300
Qty: 10

Round back available upon request.

Milk Bar™ Training Teat

Use

Use in a bottle or feeder for the first 2–3 days, then transition the calf to the controlled-flow Milk Bar™ Teat.

Clean

Rinse after use. Use a **non - chlorinated** detergent at least twice a week or according to your farm hygiene protocol.
Note: Using products with Chlorine reduces teat life by 60%

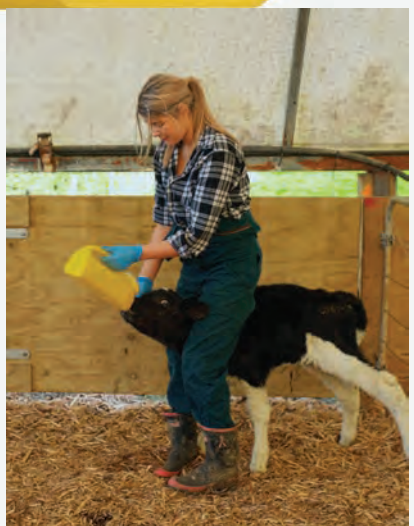
Replace

The Milk Bar™ Training Teat will train 16 - 20 calves before needing replacement.

User Tip

The first feeds are critical. Correct suckling stimulates saliva production, supporting colostral IgG and the calf's natural immunity.
Fit a Milk Bar™ Training Teat to designated bottles or feeders for training multiple calves.





NZ Pat Appln 727000, 787055. NZ Des Reg. 420972 PCT Patent
Applications PCT/NZ2016/050190 & PCT/NZ2020/050110
International Patents and Designs pending or apply to all Milk Bar™ Teats.



Since 1992, the Milk Bar™ Teat has delivered specialised flow control designed to support healthier calves.

Natural suckling encourages saliva production, helping calves digest milk effectively.

Research shows that calves fed through a Milk Bar™ Teat can be heavier and healthier, with less cross-suckling.

For best results, use one teat per calf.



Code 900100
Qty: 10

Code 900112
Qty: 50

Round back available upon request.

Milk Bar™ Teat

Use

After training, fit new Milk Bar™ Teats to the feeder of choice. The feeder stays with the calf or calves until weaning.

Clean

Rinse after use. Use a **non - chlorinated** detergent at least twice a week or according to your farm hygiene protocol.
Note: Using products with Chlorine reduces teat life by 60%

Replace

The Milk Bar™ Teat controls the flow for around 110 feeds or 8 weeks. For best results replace after 110 feedings.

User Tip

Improve time efficiency by using one feeder per hutch or pen. This system improves teat management for better calf health.



NZ Pat Appln 787055 PCT Patent Application PCT/NZ2020/050110 EU Design 001449680-0001
International designs apply. International Patents pending or applied

Calf Buddy™
Two heads are better than one



Specifically formulated to support very young or weaker calves.

Combines Milk Bar™ controlled-flow teat technology with an ultra-hygienic 1-Click connector designed to fit standard hutch buckets.

Use in any hutch bucket to train young calves while activating the suckling action to improve saliva production.



Calf Buddy™
Training Teat
Code 900010
Qty: 10

Connectors
Code 900001
Qty: 10

Calf Buddy™ Training Teat

Use

Fits into any brand of hutch bucket. Use for the first 2-3 days and then transition calves to the firmer, black Calf Buddy™ Teat.

Clean

Rinse after use. Use a **non - chlorinated** detergent at least twice a week.
Unlike most hutch bucket teats, Calf Buddy™ Teats do not need to be removed for cleaning!

Replace

The Calf Buddy™ Training Teat will train around 20 calves before needing replacement.

User Tip

Use in any hutch bucket or Calf Buddy™ Feeder to support young calves!



NZ Pat Appln 787055 PCT Patent Application PCT/NZ2020/050110 EU Design 001449680-0001
International designs apply. International Patents pending or apply.

Calf Buddy™
Two heads are better than one



Milk Bar™ Teat technology controls milk flow, while the Hiko 1-Click Connector makes it easy to fit into any hutch bucket.

No valves or threads, for a simple, hygienic connection system.

Calves enjoy the controlled flow, make lots of saliva and are more satisfied after feeding.

Use in any hutch bucket for heavier, healthier calves!



Calf Buddy™ Teat
Code 900000
Qty: 10

Connectors
Code 900001
Qty: 10









Calf Buddy™ Teat

Use

Support healthier calves in any hutch bucket with the Calf Buddy™ Starter Pack: 10 teats and 10 hygienic connectors. Code 900002.

Clean

Rinse after use. Use a **non - chlorinated** detergent at least twice a week.
Unlike most hutch bucket teats, Calf Buddy™ Teats do not need to be removed for cleaning!

Replace

The Calf Buddy™ Teat controls the flow for around 120 feeds or 8 - 9 weeks. For best results, use for one calf until weaning and replace.

User Tip

Click the teat and connector together and pull through your hutch bucket!
To remove, pop the connector off the back of the teat and pull the teat through.

NZ Pat Appln 727000, 787055, NZ Des Reg. 420972 PCT Patent Applications PCT/NZ2016/050190 & PCT/NZ2020/050110
International Patents and Designs pending or apply to all Milk Bar™ Teats.



Designed to support very young or weaker calves, the Milk Bar™ Revolution Training Snap-On Nipple encourages correct suckling and saliva production to support immunity and healthy digestion.

Snap it onto a bottle for the first two to three days. Once calves are drinking confidently, transition them to the Milk Bar™ Revolution Snap-On Nipple for continued health and performance.



Code 900720
Qty: 100

Code 900710
Qty: 12

Milk Bar™ Revolution Training Nipple

Use

Use the Revolution Training nipple for the first 2 - 3 days before switching to the firmer black until weaning.

Clean

Rinse after use. Use a **non - chlorinated** detergent at least twice a week or according to your farm hygiene protocol.
Note: Using products with Chlorine reduces teat life by 60%



Replace

The Revolution controls the flow for 140 feeds. Replacement depends on daily use:

2 x day: 10 weeks	3 x day: 7 weeks
4 x day: 5 weeks	5 x day: 4 weeks

User Tip

Use the yellow training nipple until the calf is drinking strongly.
Use the black to reduce diarrhoea and respiratory problems and to increase daily weight gain.

NZ Pat Appln 727000, 787055. NZ Des Reg. 420972 PCT Patent
Applications PCT/NZ2016/050190 & PCT/NZ2020/050110
International Patents and Designs pending or apply to all Milk Bar™ Teats.



A ground-breaking innovation for farms using bottle systems!

The Milk Bar™ Revolution has five slits positioned on a circle to control the flow no matter which way the bottle is placed.

Calves suckle at 'cow speed' and produce lots of saliva.

Reduces diarrhoea, respiratory problems and increases weight gains.



Code 900700
Qty: 100

Code 900705
Qty: 12

Milk Bar™ Revolution Snap on Nipple

Use

Snap onto any typical bottle to control the flow and improve calf performance.

Clean

Rinse after use. Use a **non - chlorinated** detergent at least twice a week or according to your farm hygiene protocol.
Note: Using products with Chlorine reduces teat life by 60%



Replace

The Revolution controls the flow for 140 feeds. Replacement depends on daily use:

2 x day: 10 weeks	3 x day: 7 weeks
4 x day: 5 weeks	5 x day: 4 weeks

User Tip

Manage the Revolution like you would your liners with an All In - All Out system.
Diarise when they go into the calves. Calculate how many weeks before replacement. Diarise when to replace.

PCT/US2026/025028. NZ design 435499.
NZ Pat Appln 781124 PCT Patent Application PCT/NZ2022/050096
International Patents pending or apply.



A highly engineered teat to improve calf health in automatic machines.

5 slits activate the suckling action to stop calves gulping.

AutoDrain releases wash water from under the teat, keeping the tip free to control the milk flow.

AutoDrain prevents water or milk squirting onto the floor or into calves eyes.

NEW INNOVATION!



Code 900722
Qty: 10

Milk Bar™ Revolution Automatic Teat with AutoDrain

Use

Train calves with a controlled flow Milk Bar™ or Calf Buddy™ Teat before moving to the automatic group.

Clean

Use a **non - chlorinated** detergent at least twice a week or according to your farm hygiene protocol.
Note: Using products with Chlorine reduces teat life by 60%

Replace

Replace when milk flow exceeds 500ml per minute. Around 1500L for young calves and 900L for older, more aggressive calves.

User Tip

"***Our calves are healthier, with less cross-suckling.*** Previously, the calves were gulping quickly with no saliva. We wanted good saliva for immunity and digestive enzymes. The Revolution Automatic Teat has solved this." L. Coubrough, NZ





Milk Bar™ Single Feeders



Hook systems to suit a wide range of rails, gates and hutches.

A range of capacities to suit different feeding systems.

Robust and easy to clean.

Milk Bar™ Single feeders can be used for both individually fed calves or calves housed in the 'Buddy System'.

Milk Bar™ Single Feeders

Milk Bar™ Trainer Bottle



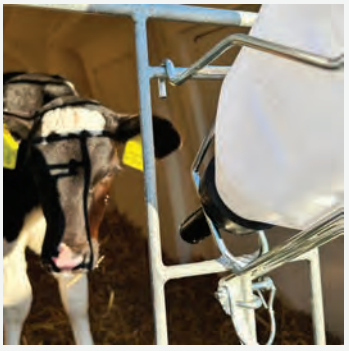


Comfortable carry handle and well balanced to train young calves. Fitted with Milk Bar™ Training Teat.

Code	901100	Volume:	3 L
Weight:	600 gms	Height:	150 mm
Width:	120 mm	Length:	350 mm

Milk Bar™ Revolution Snap On Bottle 3 L





Designed for the Revolution Snap on nipples. Lightweight but strong design. Bottle only.

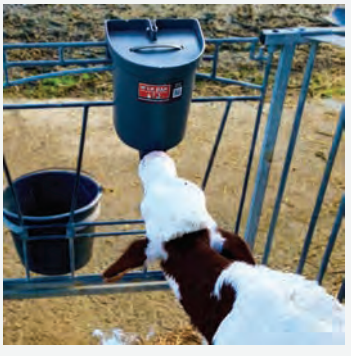
Code:	901104	Volume:	3 L
Weight:	450 gms	Height:	375 mm
Width:	105 mm	Length:	105 mm

Milk Bar™ 1

Fitted with a lid to reduce flies.
Self locking catch secures the feeder.
Use on rails of 25mm or less.
Extremely durable!

Code:	910100	Volume:	3.2 L
Weight:	700 gm	Height:	210 mm
Width:	210 mm	Length:	210 mm





Milk Bar™ 1 4L





Fitted with an easy-change teat system.
Feeders interstack and have marked gradients every 250 ml. Moulded hooks to use on rails 25 mm or less.

Code:	910120	Volume:	4 L
Weight:	700 gms	Length:	210 mm
Height:	210 mm	Width:	210 mm

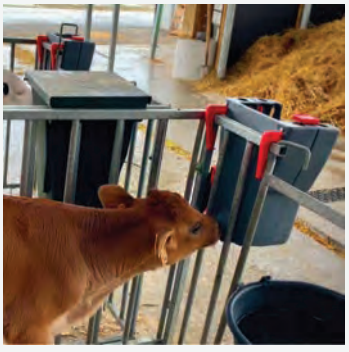

1.


2.


3.

Milk Bar™ 1EL Hangs outside the pen





Adjustable, 100% lockable hooks preventing calves knocking the feeder off the rails.
Extremely durable for the most demanding daily use.

Code	910130	Volume:	8 L
Weight:	700 gm	Length:	290 mm
Height:	400 mm	Width:	270 mm

Milk Bar™ 1EL Hangs inside the pen





As above but hooks are set to sit inside the pen giving calves a solid wall to push against to reduce feeder movement. Ideal in larger pens.
Code 910131

Milk Bar™ Adjustalock

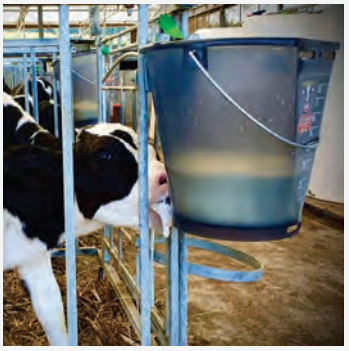




The Milk Bar™ 1 Adjustalock secures both the Milk Bar™ 1 and the Milk Bar™ 1 4L to gates.
Secure the Adjustalock at 80cm and teat is at the correct height for even better calf performance!
Code 910102

Milk Bar™ Euro Bucket





Transparent to easily sight the milk level.
Stainless steel handle.
Fits on standard hutch brackets.

Code:	901101	Volume:	9 L
Weight:	700 gms	Height:	400mm
Length:	290 mm	Width:	270 mm



Milk Bar™ 1 EL feeders flip upside down for advanced functionality!



For optimum health calves should start with a new Milk Bar™ Teat and stay with that teat, or a teat of a similar age until weaning.

The Vitality Management System gives you a simple method to ensure all calves are drinking at the correct speed until weaning.

Just match the teat clip to the hutch clip and you are always feeding your calves from the correct teat!

Milk Bar™ Vitality System

Each pack of Milk Bar™ Vitality System comes complete for five hutches or pens.
When setting up your farm, allow one bottle per hutch, for example, for 10 hutches you will need two packs of the Vitality System.

Milk Bar™ Vitality 4L Bottle System - 5 Pack

Code 901207

5	Milk Bar™ Vitality Bottle 3L or 4L
5	Milk Bar™ Vitality Bottle Cap
5	Milk Bar™ Vitality Bottle Chute
5	Milk Bar™ Vitality Aligning Socket
1	Milk Bar™ Colostrum Teat (training teat)
10	Milk Bar™ Teat
10	Milk Bar™ Vitality Teat Clips (one of each colour)
10	Milk Bar™ Vitality Vitality Tags (one of each colour)







1. Fit a NEW Milk Bar™ Teat to the Teat Clip.



2. Snap the Teat Clip into the Bottle Cap and screw to the bottle.





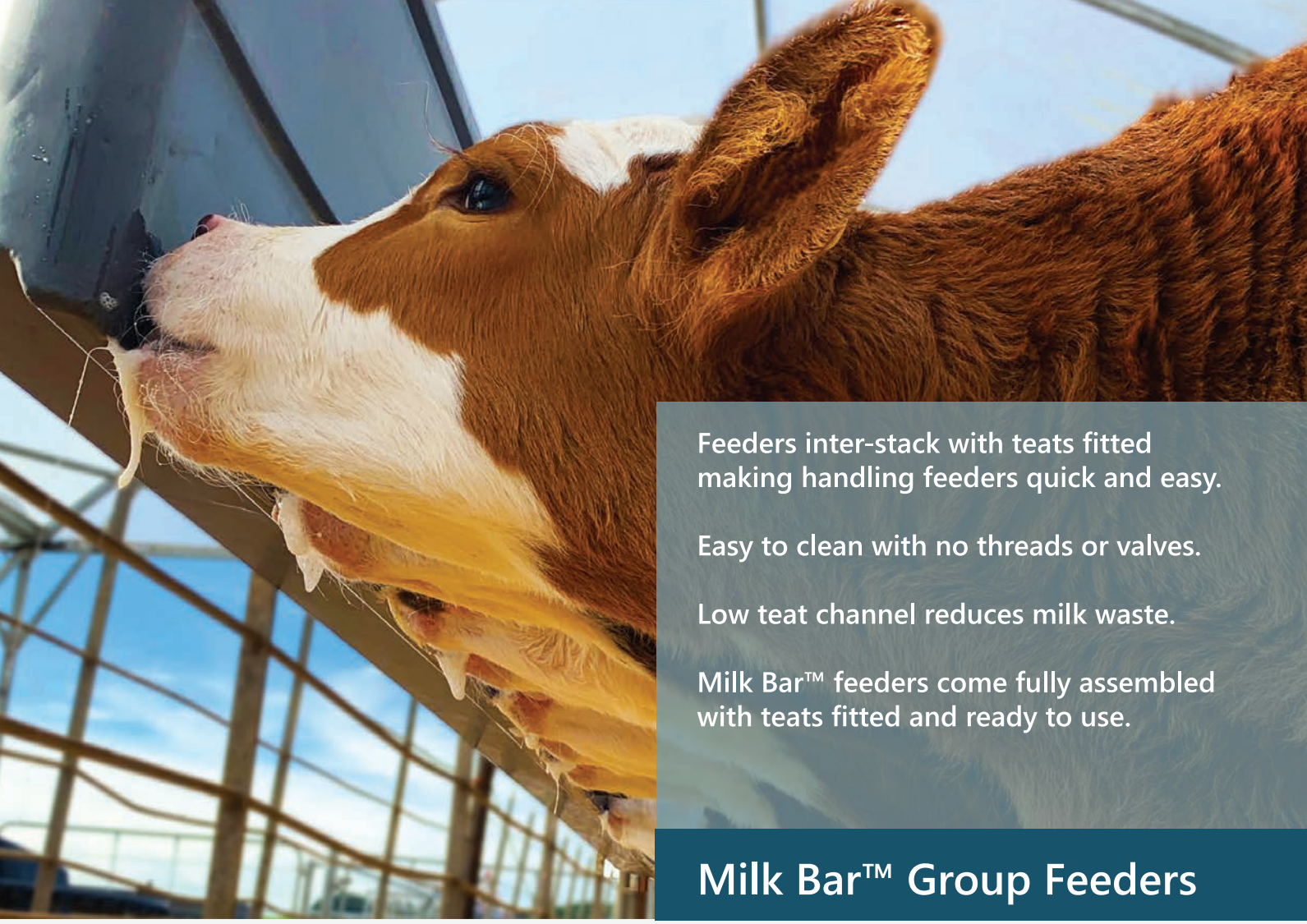
3. Attach a Vitality Tag of the same colour as the Teat Clip to the calf's pen, hutch or chute.

The chute secures the bottle into the correct position





Milk Bar™ Group Feeders



Feeders inter-stack with teats fitted making handling feeders quick and easy.

Easy to clean with no threads or valves.

Low teat channel reduces milk waste.

Milk Bar™ feeders come fully assembled with teats fitted and ready to use.

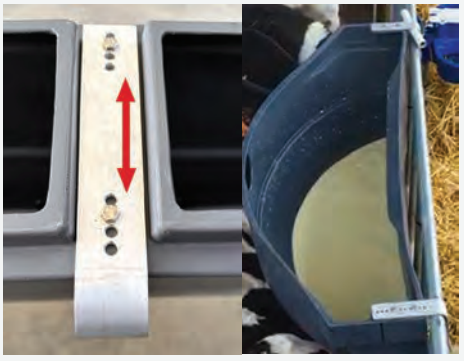
Milk Bar™ Group Feeders

Milk Bar™ feeders come in a variety of hook configurations to adapt to different farm configurations.



Ezi Lock Hooks

Adjustable locking hooks designed to resist bunting.
Feeders hang upside down to drain.
Replacement hook set: Code 950200



Aluminium Hooks

Used on wider feeders to make hanging easy.
Pre-drilled to adjust width.
Replacement hooks: Code 950250



Moulded

Moulded into the feeder to fit 25, 45 or 50 mm rails.
Feeders with moulded hooks also have a self locking catch.

User Tip

When choosing your feeder size it is worth opting for a feeder that gives you a maximum group size. In low calving periods, you can blank off any spare teat holes with a Milk Bar™ Plug. .

Milk Bar™ Plug

Code: 900109
Quantity: 10





Milk Bar™ 5



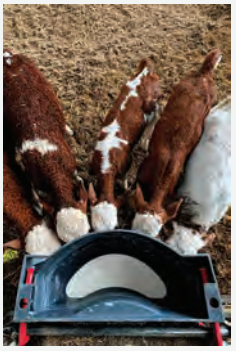


A strong, durable feeder with a user-friendly handle and secure hooks to fit 25–40 mm rails.

Code:	910200	Volume:	15 L
Weight:	2 kg	Length:	300 mm
Height:	360 mm	Width:	300 mm

Milk Bar™ 5EL





A high-capacity feeder for five calves, with Ezi Lock Hooks that lock to a wide range of rails and gates.

Code:	910203	Volume:	36 L
Weight:	3 kg	Length:	700 mm
Height:	400 mm	Width:	300 mm

Milk Bar™ 6





A highly functional, durable feeder that locks onto a variety of gates and flips upside-down after feeding.

Code:	910300	Volume:	36 L
Weight:	3 kg	Length:	700 mm
Height:	400 mm	Width:	300 mm

Milk Bar™ 10





Finger grips and handles make lifting easy for every user. A global bestseller that performs year after year.

Code:	910400	Volume:	60 L
Weight:	5 kg	Length:	850 mm
Height:	430 mm	Width:	460 mm

Milk Bar™ 12





Fitted with adjustable aluminum hooks and a front grab handle for easy, comfortable use.

Code:	910500	Volume:	90 L
Weight:	8 kg	Length:	1.2 m
Height:	460 mm	Width:	430 mm

Milk Bar™ 20





The solid base keeps this feeder stable while 20 calves easily find a teat on the round design.

Code:	910800	Volume:	120 L
Weight:	12 kg	Diameter:	900 mm
Height:	900 mm		

Milk Bar™ 13



Brace handles keep this feeder strong and drain points make cleaning easy.

Code:	910600	Volume:	90 L
Weight:	10 kg	Height:	2.12
Width:	330 mm	Length:	200 mm

Also available with 10 teats -

Milk Bar™ 10 Straight Code 910602



These feeders have a wider teat spacing to accommodate larger breeds with wider heads or shoulders.

With a minimum volume of 7.5 L per calf, the Milk Bar™ XL Range is a great solution for high volume systems.

The controlled flow of the Milk Bar™ Teat allows you to use a high volume system with minimal risk of milk diarrhoea.

Milk Bar™ XL Range

Milk Bar™ XL 2





Code:	910179	Volume:	15 L
Weight:	2 kg	Length:	300 mm
Height:	360 mm	Width:	300 mm

Milk Bar™ XL 4

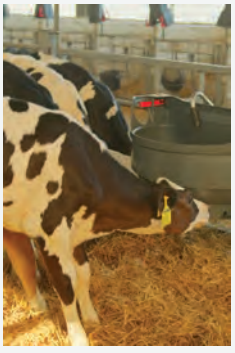




Code:	910180	Volume:	36 L
Weight:	3 kg	Length:	700 mm
Height:	400 mm	Width:	300 mm

Milk Bar™ XL 8





Code:	910330	Volume:	60 L
Weight:	5 kg	Length:	850 mm
Height:	430 mm	Width:	460 mm

Milk Bar™ XL 10





Code:	910450	Volume:	90 L
Weight:	8 kg	Length:	1.2 m
Height:	460 mm	Width:	430 mm



Compartment feeders are a useful tool for sorting calves into groups.

The Milk Bar™ Teat evens out drinking speeds to reduce break away behaviour and bunting.

Compartments hold 2.5L and are easy to clean.

Milk Bar™ Compartments

Milk Bar™ 2 Compartment

Code:	912100
Volume:	2.5L ea.
Total Volume:	14 L
Weight:	2 kg
Length:	400 mm
Height:	400 mm
Width:	250 mm



Milk Bar™ 3 Compartment

Code:	912200
Volume:	2.5L ea
Total Volume:	19 L
Weight:	3 kg
Length:	500 mm
Height:	400 mm
Width:	250 mm



Milk Bar™ 4 Compartment

Code:	912250
Volume:	2.5L ea
Total Volume:	24 L
Weight:	3.5kg
Length:	660 mm
Height:	400 mm
Width:	300 mm



Milk Bar™ 5 Compartment

Code:	912300
Volume:	2.5L ea
Total Volume:	30 L
Weight:	4.5 kg
Length:	850 mm
Height:	390 mm
Width:	300 mm



Milk Bar™ 10 Compartment

Code:	912400
Volume:	2.5L ea
Total Volume:	70 L
Weight:	11 kg
Length:	1.13 m
Height:	430 mm
Width:	480 mm







Ultra

Antimicrobial

Inhibits MRSA, S.Aureus and E.Coli by up to 99.9%.

The Milk Bar™ Ultra Range is infused with antimicrobial silver and is developed for farms that need a little extra protection.

Ezi Lock Hooks are mounted on the outside and are height adjustable.

Fitted with Milk Bar™ Teats that promote the strong suckling action needed for saliva production.

Milk Bar™ Ultra

The Milk Bar™ Ultra Range is carefully manufactured with FDA and food contact approved, antimicrobial materials.
The silver compounds inhibit the growth of MRSA (Methicillin-Resistant Staphylococcus Aureus), S.Aureus and E.Coli by up to 99.9%.
The material has a long-lasting antimicrobial effect due to the slow migration, absence of toxicity, and higher heat resistance.

	E. coli	S. aureus	MRSA
% Reduction	≥ 99.99%	≥ 99.99%	≥ 99.99%
Log Reduction	≥ 5.46	≥ 4.26	≥ 4.05



Milk Bar™ Ultra 1EL



Code:	910950
Volume:	8L
Weight:	700gr
Length:	290mm
Height:	400mm
Width:	270mm

Milk Bar™ Ultra 6



Code:	910951
Volume:	36 L
Weight:	3 kg
Length:	700 mm
Height:	400 mm
Width:	300 mm

Other sizes available upon request.

The Ezi Lock hooks can be fixed directly to the feeder or mounted on an optional height adjustable plate.
This allows you to hang and lock the feeder at the perfect height for your gates.







The Milk Bar™ Ezi Flip is a new innovation that rotates feeders inside the calf pen to keep calf grain and water buckets clean.

Measure your rail height and bolt the frame using the marked heights. This puts the feeder at the correct height and allows calves access under the feeder.

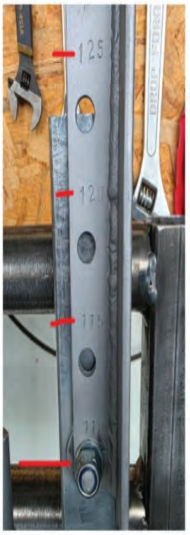
The Ezi Lock hooks secure the feeder to the Milk Bar™ Ezi Flip.

Milk Bar™ Ezi Flip

NEW INNOVATION!



Bolt the bracket to the rail



Bolt the frame to the bracket according to the rail height.



Attach the handle to the corresponding height.

The Milk Bar™ Ezi Flip is a new innovation that rotates feeders inside the calf pen to keep calf grain and water buckets clean.

Measure the rail height and bolt the frame using the marked settings. This positions the feeder at the correct height while allowing calves access underneath.

The Ezi Lock hooks secure the feeder to the Milk Bar™ Ezi Flip to prevent calves pushing the feeder off.

Milk Bar™ Ezi Flip

Code: 950210
Weight:
Length:



Teat Height is IMPORTANT!

Hang feeders so teats are at 'udder height' : 60 - 65cm.

This protects the airways and rumen from milk. When feeders too high, calves can rub their teeth on the bottom of the feeder which can cause damage to the feeder.



Attached to your existing rails, each section has 4 teats, simply connect and make a feeder for up to 20 calves.

Milk flows quickly between the sections, so calves easily find a teat and the winch system makes handling large feeders easy.

The Connect keeps calves away from the teats between feeds and gives calves access to forage.

Milk Bar™ Connect









Attach the Connect frame to your barns rails.

Using the winch, lower the feeder for feeding and raise the feeder between feeds.

Fill with milk. The large milk flow pipes deliver milk to every teat within seconds.

Clean in place. The design keeps forage clean and an optional drainage system takes water away

See the Milk Bar™ Connect in action!

Each Milk Bar™ Connect contains :
2 x Connect End Sections
1 x Hanging Frame
1 x Winch Lever
1 x Pipe Cleaner



Milk Bar™ Connect 8

Code:	910751	Extender:	0
Volume:	80 L	Weight:	36 kg
Length:	1.66 m	Width:	34 cm

Milk Bar™ Connect 12

Code:	910752	Extender:	1
Volume:	120 L	Weight:	46.3 kg
Length:	2.5 m	Width:	34 cm

Milk Bar™ Connect 16

Code:	910753	Extender:	2
Volume:	160 L	Weight:	58.8 kg
Length:	3.32 m	Width:	34 cm

Milk Bar™ Connect 20

Code:	910754	Extender:	3
Volume:	200 L	Weight:	67.3 kg
Length:	4.15 m	Width:	34 cm

Installation

Installation takes a few hours. Once installed, the Milk Bar™ Connect saves time and effort for large groups of calves!



Bolt the sections together to make the required size.



Attach the frame to your rails.



Hang the Milk Bar™ Connect onto the frame.



Attach the winch system.



Attach the optional drainage system for farms using bedding.

Each section takes 40 seconds to clean.

You will need to connect to a water supply.

If you do not have hot water in the barn, you can install a small water heater for hot washing.



500L, opaque tank with 50L gradients.

A manual leveller levels the tank and manifolds together, essential in uneven terrain.

Designed for easy cleaning, with a large foot plate and easy-access lid.

Round tank eliminates milk surge to improve stability.

Milk Bar™ Mobile Feeder



Milk Bar™ 50

Code:	920100
Space:	110 mm
Length:	2.2 m
Width:	1.75 m
Drawbar:	1.55 m
Weight:	145 kg

Milk Bar™ 60

Code:	920200
Space:	110 mm
Length:	2.8 m
Width:	2 m
Drawbar:	1.25 m
Weight:	150 kg

Milk Bar™ XL 30

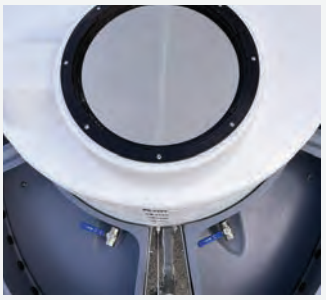
Code:	926000
Space:	200 mm
Length:	2.2 m
Width:	1.75 m
Drawbar:	1.55 m
Weight:	145 kg

Milk Bar™ XL 40

Code:	926001
Space:	140 mm
Length:	2.2
Width:	1.75m
Drawbar:	1.55m
Weight:	145 kg

Milk Bar™ XL 50

Code:	926002	Space:	142 mm
Length:	2.8 m	Width:	2 m
Drawbar:	1.25 m	Weight:	157 kg



Simple cleaning



Manual leveller



Robust construction



Good teat spacing



Water helps development of the rumen and is essential for digestion and the metabolic function of the calf. Even slight dehydration will affect the metabolic function and reduce feed intake.

All Milk Bar™ waterers have a channeled drain point to make cleaning easy while the innovative grain solutions protect contents from weather and pest contamination for inside or outside use.

Milk Bar™ Water & Grain

The Milk Bar™ Pen Waterer Range keeps water clean from dust, bird and calf faeces.

Milk Bar™ Pen Waterer 1

Code:	935100
Volume:	8 L
Height:	575 mm
Width:	275 mm
Weight:	3.5 kg
Length:	330 mm
Hooks:	Screws to wall



Milk Bar™ Pen Waterer 3

Code:	929001
Volume:	20 L
Height:	610 mm
Width:	300 mm
Weight:	7 kg
Length:	910 mm
Hooks:	50 mm hooks



Munch Trough

Code:	930700
Volume:	20 kg
Weight:	4 kg
Length:	800 mm
Height:	530 mm
Width:	300 mm
Hooks:	50 mm



High back and sides prevents spillage.

Meal Saver

Weather and pest proof, the Meal Saver eliminates grain wastage. Calves lift the counterbalanced lids and training is easy.

Code:	930600
Volume:	150 kg
Length:	1.2 m
Height:	730 mm
Width:	800 mm



Milk Bar™ Bird Proof

Code:	930900	Volume:	40 kg
Weight:	12 kg	Length:	1 m
Height:	850 mm	Width:	3 00 mm
Hooks:	Aluminum		

Keeps contents dry and birds out and a easy fill rear hatch. Feeds 30 calves ad lib inside or out.







Raising calves is busy enough.
Milk Bar™ Lids, Teat Tools and Rail Pails are practical accessories designed to make everyday calf feeding easier.

From protecting milk and keeping feeders covered, to making teat changes easier and providing a convenient filling solution, these small tools help take the hassle out of raising calves.

Milk Bar™ Accessories

Milk Bar™ Lids

Light weight lids with ergonomic handles.

Milk Bar™ Training Bottle Lid
Code: 962500
Milk Bar™ 1 Lid (5 pcs)
Code: 910101
Milk Bar™ 1 EL Lid
Code: 910106
Milk Bar™ 1 4L Lid
Code: 910104
Milk Bar™ 5 Lid
Code: 910201

Milk Bar™ 5 Lid (5 pcs)
Code: 910202
Milk Bar™ Lid for Milk Bar™ XL 4, Milk Bar™ 5EL, Milk Bar™ 6
Code: 962501
Milk Bar™ Lid for Milk Bar™ 10 and Milk Bar™XL8
Code: 962502
Milk Bar™ 20 Lid
Code: 912802

Milk Bar™ Lid for Milk Bar™ 2 Compartment
Code: 912101
Milk Bar™ Lid for Milk Bar™ 3 Compartment
Code: 912201
Milk Bar™ Lid for Milk Bar™ 4 Compartment
Code: 912251
Milk Bar™ Lid for Milk Bar™ 5 Compartment
Code: 912301

Milk Bar™ Teat Tool

Makes teat changes quick and easy. Place the tool over the teat and pop it out.
Code: 950400





Milk Bar™ Rail Pail

The spout rests on the top of the feeder to take the weight while you are filling feeders.
25L and available in three colours:

Milk Bar™ Rail Pail (Green)
Code: 950100
Milk Bar™ Rail Pail (Pink)
Code: 950102
Milk Bar™ Rail Pail 25L (Yellow)
Code: 950101





The fat and protein in milk can form a bio-film. The biofilm gives bacteria a perfect environment to multiply.

Hot water sets or bakes milk protein onto the equipment so effective cleaning must remove both.

Rinse feeders soon after feeding and use warm water and a detergent with a good soaping agent to remove fat and protein.

Cleaning

Daily:
Rinse feeders to remove milk residue.
At least twice a week:
Scrub feeders with hot water (50°C) and non-chlorinated detergent at least twice a week or according to your farm hygiene protocol.



Do not use Chlorinated Detergents!
Chlorine reduces teat life by 60%







NEW INNOVATION!



Milk Bar™ Scrub Tub

A new solution for cleaning large numbers of feeders!
The Scrub Tub features a cold water tank for rinsing and a hot water tank for cleaning.
The wash tub empties into the grey water tank to keep the ground clean, dry and reduce moisture inside barns.
Cleans XXX group feeders or XXX single feeders.

Code:	XXXXXX	
Hot Water Tank:	250L	
Cold Water Tank:	250L	
Grey Water Tank:	500L	
Weight: 2 kg	Length:	400 mm
Height: 400 mm	Width:	250 mm



NZ Pat Apps 757655, 767633, 727000, 787005.
NZ Des Reg. 420972 PCT Patent Applications
NZ2016/050190 & NZ2020/050110 International
Patents and Designs pending or apply.

A collaboration between Milk Bar™ and Hiko - a calf feeder range designed to hang securely from virtually any rail.

Easy to use, easy to clean and extremely durable, their high-capacity design supports generous milk allowances.

Fitted with Calf Buddy™ Teats to control milk flow and encourage natural suckling to support healthy digestion.

Calf Buddy™ Feeders

Calf Buddy™ 1

Made from semi-transparent material for easy milk-level checks, with a convenient stainless-steel handle. Marked litre gradients and hangs from any hutch brackets.

Code: 900050 Volume: 9 L





Calf Buddy™ 2

The forward-facing teat position makes this feeder ideal for calves housed in hutches.

Code: 900052 Volume : 20 L
Height : 39 cm Length : 42 cm
Width : 31.5 cm





Calf Buddy™ 5

Ideal for larger hutches, headlock-gate systems and pens with higher gates.

Code: 900054 Volume : 50 L
Height : 40 cm Length : 76.5 cm
Width : 37 cm





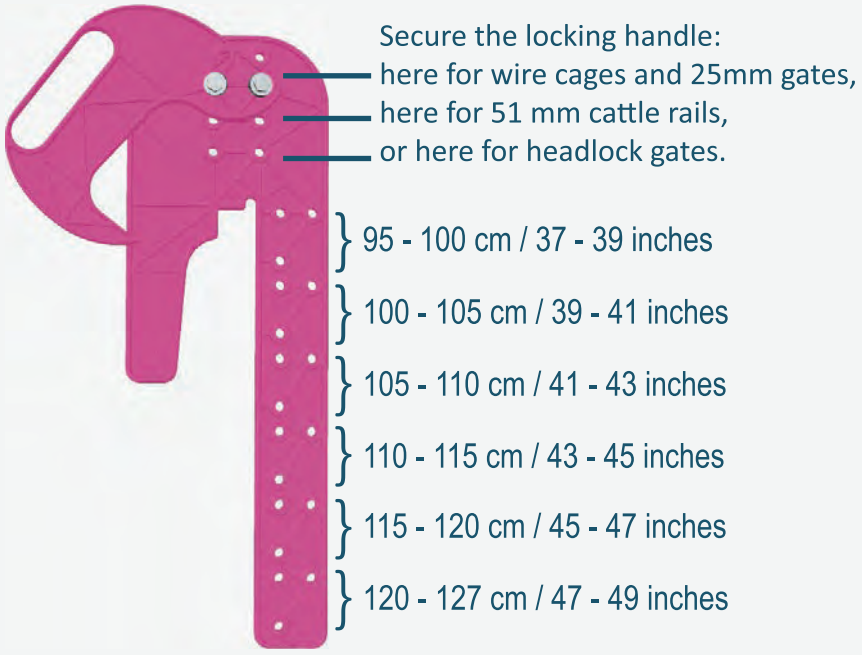
Calf Buddy™ Feeders come fitted with Calf Buddy™ Teats and connectors. Controlled flow and hygienic connection system!

See pages 9-10 for more information.



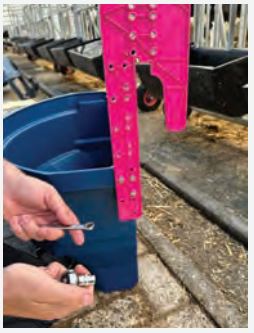
The Calf Buddy™ Hook System

Designed to fit wire cages, 25 mm box steel, 50 mm pipe rails and headlock gates.
The height-adjustable hook helps position the teat correctly across different rail systems.
The locking swivel handle is comfortable to use and helps secure the feeder firmly in place.









Get the height right:
Measure the rail height on the calf side of the pen. Bolt the hook to the feeder using the marked height holes.











Set the locking handle: Determine your rail type and attach the locking handle to the hook according to the rail type. **Perfect height, and locks perfectly onto your rails!**



Calf Buddy™ Lids:
Optional extra lids available

Calf Buddy™ 1 Lid
Code: 900051

Calf Buddy™ 2 Lid
Code: 900053

Calf Buddy™ 5 Lid
Code: 900055

Calf Buddy™ 1 Bracket
Use the bracket to mount the Calf Buddy™ 1 to your hutch.
Code: 900008



improve time efficiency by using one feeder per hutch or pen and replacing the teats after weaning. This system improves teat management for better calf health.



Milk Bar™ Teats work hard, controlling the flow for around 110 feeds. This allows your calves to suckle for longer to protect them from the effects of fast flow feeding.

After around 110 feeds, the teat will be well worn having been used for about 1650 minutes!
Over time, the rubber loses some of its resilience and the slit may begin to remain slightly open, causing dripping.

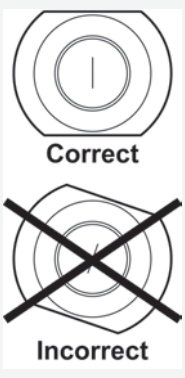
Enhance teat performance

Having enough feeders for the barn reduces time but also increases the life of the teats.

In a shed with six groups being fed with one feeder, teats will need to be replaced every 4 weeks.

With one feeder per pen, teats will need to be replaced every 8 weeks.

Number of feeders :	2	3	4	5	6
Number of groups	6	6	6	6	6
Feeder use per day	6	4	3	2.4	2
Weeks of controlled flow	2.6	4	5	6.5	8





Teat Height

Make sure teats are around 65cm from the ground. Not only is this better for the calf, it stops the calves from hanging off the end of the teat.

Installation

Make sure the teat slit is vertical. Teats on an angle restrict the flow!

One Teat One Calf

Improve time efficiency by using one feeder per hutch or pen and replacing the teats after weaning. This system improves teat management for better calf health.

Clean

Use a dish washing detergent a few times a week to strip the milk fat and protein from the rubber. Milk fat and proteins soften the rubber and prevent the teat from bouncing back properly.
Congealed milk or powder can clog the hole and push the teat open.



Milk Bar™ Lamb & Kid



NZ Pat Appln 787055 PCT Patent Application PCT/NZ2020/050110
International Patents pending.

Milk Bar™ Lamb & Kid Teats work in harmony with the digestive system to improve animal health.

The specialised flow control helps saliva to form to boost immunity and strengthen digestion.

Controlled feeding supports digestion and growth while helping prevent gorging and reduce the risk of bloat.

Milk Bar™ Lamb & Kid Teats

Milk Bar™ Lamb/ Kid Teat

For best results, insert new Milk Bar™ Lamb & Kid Teats into feeders at the start of the season. Lambs and kids will then suckle at the correct speed until weaning to reduce bloat and scours.

Code 900200 QTY: 10
Code 900210 QTY: 100



Milk Bar™ Lamb/ Kid Training Teat

Specifically formulated to support young or weak animals.
Use for the first few feeds. After a few days, move lambs & kids to the Milk Bar™ Teat for continued health benefits.

Code 900400 QTY: 10



Milk Bar™ Lamb/ Kid Automatic Teat

Fits typical automatic feeder teat stations and Milk Bar™ Teat Separators.
Controls the flow for exceptional results.

Code 900620 QTY: 10



Milk Bar™ Lamb/ Kid Automatic Training Teat

Fits typical automatic feeder teat stations and Milk Bar Teat™ Separators.
A softer compound to make training easier.

Code 900630 QTY: 10



Saliva has antimicrobial properties that boosts immunity and is produced through suckling with a controlled flow of milk. The controlled flow allows the digestive system to function and the milk to correctly curd to reduce the problems of diarrhoea and bloat.



Feeders come with either large cut out handles, or secure finger grips, or both.

Easy to clean with sleek lines.

Low teat channel reduces milk waste.

Milk Bar™ Lamb & Kid feeders come fully assembled and ready to use.

Milk Bar™ Lamb & Kid Feeders

Milk Bar™ Lamb/ Kid Bottle

Code:	928100
Volume:	3 L
Weight:	600 gm
Length:	350 mm
Height:	150 mm
Width:	120 mm



Milk Bar™ Lamb/ Kid 1

Code:	928200
Volume:	3L
Weight:	700 gms
Length:	210 mm
Height:	210 mm
Width:	210 mm



Milk Bar™ Lamb/ Kid 3

Code	928300
Volume:	3L
Weight:	700 gms
Length:	210 mm
Height:	210 mm
Width:	210 mm



Milk Bar™ Lamb/ Kid 7

Code:	928400
Volume:	15 L
Weight:	2 kg
Length:	300 mm
Height:	360 mm
Width:	300 mm



Milk Bar™ Lamb/ Kid 10

Code:	928500
Volume:	36 L
Weight:	3 kg
Length:	700 mm
Height:	400 mm
Width:	300 mm



Milk Bar™ Lamb/ Kid 20

Code:	928525
Volume:	100 L
Weight:	10 kg
Length:	2.12 m
Height:	330 mm
Width:	200 mm



Milk Bar™ Lamb/ Kid 30

Brilliant for large groups, the solid base keeps the feeder secure even with 30 animals pushing it around!

Code: 928900
Volume: 120 L
Weight: 12 kg
Diameter: 900 mm
Height: 600 mm

Optional extra lid - sloped design stops lambs and kids climbing onto it.
Code: 928527





Compartment Feeders

Compartment feeders are very useful for training groups of lambs or kids.

Milk Bar™ Lamb/ Kid 5 Compartment

Code: 928600 Volume: 300 ml ea
Weight: 2 kg Length: 680 mm
Height: 180 mm Width: 170 mm



Milk Bar™ Lamb/ Kid 10 Compartment

Code: 928650 Volume: 300 ml ea
Weight: 3.4 kg Length: 1.3 m
Height: 210 mm Width: 170 mm



Ad Lib Feeders

Small, frequent meals can be beneficial to lambs and kids, but leaving feeders in pens can be a problem as they bite the teats leading to milk loss. Using tubes stops teats leaking when they are bitten.

Milk Bar™ Lamb/ Kid Ad Lib 9

Code: 929600 Volume: 15 L
Weight: 3 kg Length: 700 mm
Height: 400 mm Width: 300 mm



Milk Bar™ Lamb/ Kid Ad Lib 27

Stable base keeps it secure. Comes fitted with teats, tubes and a lid.

Code: 928526 Volume: 142 L
Weight: 9 kg Diameter: 900 mm
Height: 600 mm



Milk Bar™ Mineral Protector

Holds a standard lick block or loose mix.
Sloping top prevents climbing.

Code: 929002 Weight: 3.5 kg
Length: 330 mm Height: 575 mm
Width: 275 mm Hooks: Screws to wall.





Milk Bar™ Pen Waterer 3

Perfect for goats - the sloped roof stops climbing and the water stays clean for a higher uptake.

Code: 929001 Volume: 20 L
Height: 610 mm Width: 300 mm
Weight: 7 kg Length: 910 mm
Hooks: 50 mm hooks





The Milk Bar™ Teat Separator connects Milk Bar™ Lamb/ Kid Automatic Teats to Automatic Feeders.

Controlled milk flow to reduce bloat and digestive problems.

Adjustable teat height and teats are protected from biting to reduce teat replacements.

Milk Bar™ Lamb & Kid Teat Separators



Slide the separators into place. Adjust the teat height so lambs & kids drink at the correct height and speed until weaning.



Attach the board to the side of the pen and connect the teats to the automatic feeder.



Teats are protected from biting and lambs have a secure channel to drink from.

Milk Bar™ Teat Separator for Kids

2 Teats	Code:	929510
3 Teats	Code:	929500
4 Teats	Code:	929520



Milk Bar™ Teat Separator for Lambs

A wider channel accommodates wider lambs heads.

2 Teats	Code:	929705
3 Teats	Code:	929700
4 Teats	Code:	929710



Milk Bar™ Automatic Teat Connector

Connects Automatic Teats to tubes.

Code:	929505
QTY:	10





Engineered to improve calf health

MILK BAR™

easy for you, healthy for them

www.milkbar.co.nz

hello@milkbar.co.nz