



AGRI

# EVOLUTION



AUTOMATIC CALF FEEDER

[jfcevolution.com](http://jfcevolution.com)



With over 35 years' experience designing calf feeders, we offer the ultimate calf feeding solution - the Evolution Automatic Calf Feeder.

This labour-saving machine measures, mixes and dispenses temperature-controlled milk to calves automatically. The Evolution can differentiate between calves assisting them to achieve their full growth potential while helping you reduce farm labour costs.









## Advantages

- Labour saving.
- Consistent milk concentration.
- Improved calf live weight gain.
- Monitors individual calf feed performance.
- Calm and relaxed calves.
- Ease of weaning.
- Simple to use.
- Data analytics for enhanced herd management.
- Automatic Cleaning Cycle.



# Control Unit

The Evolution Range consists of a Control Unit and one or more Feed Stalls depending on your herd size. Calves are easily registered on the Control Unit using RFID technology and assigned to a predefined feed curve relative to their nutritional needs and your rearing objectives. Individual feeds are automatically dispensed and the system ensures no calf exceeds their allocated amount. Each calf's feed performance is consistently monitored on a user-friendly, 7-inch touch screen display and for ultimate convenience, this information is also available anytime, anywhere online or on the Evolution App.

-  Feeds up to 4 calves simultaneously.
-  User friendly and easy to calibrate.
-  Quick calf registration via RFID technologies.
-  Automatic Cleaning Cycle.
-  Each calf is assigned to one of seven customisable Feed Curves relative to their nutritional needs and your rearing objectives.
-  Once programmed the Control Unit takes complete control of each calf's feeding schedule.
-  Calves are monitored via a Traffic Light System. Calves not consuming their full, daily feed allocation are immediately highlighted for further inspection.
-  The historic feed performance of each calf is recorded and presented via dynamic charts.

	S4 Control Unit	S2 Control Unit
Feed Stall Capacity	Up to 4 Feed Stalls	Up to 2 Feed Stalls
Simultaneous Feeding	4 calves	2 calves
Working Capacity	140 calves	70 calves
Feed Hopper	Dual	Single
Mixing Bowls	Dual	Single
Hopper Capacity	2 x 30kg	40kg
Dimensions	902 L x 740 W x 1263 H	941 L x 680 W x 1281 H
Weight	132kg	111kg



# Interactive Touch Screen

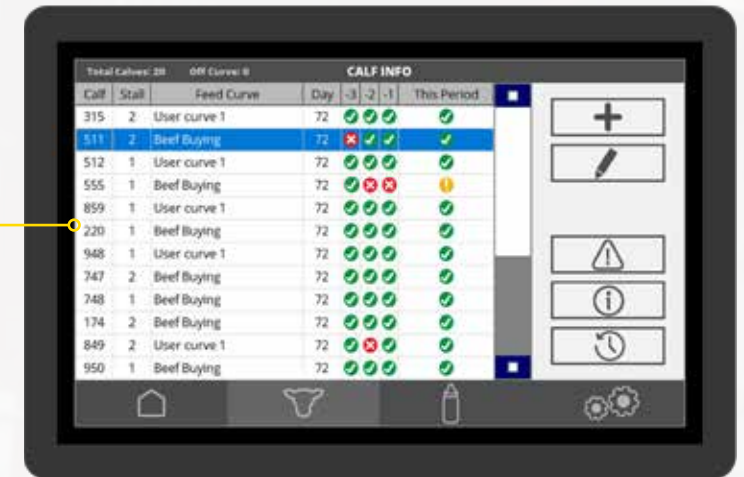
Our 7 Inch Touch Screen has a user-friendly interface and is simple to navigate.

Calf feed performance is consistently monitored by a Traffic Light System. It quickly identifies calves not meeting their pre-assigned Feed Curve and highlights them for closer inspection.

Calves are assigned to a predefined Feed Curve relative to their nutritional requirements, typically based on their age, breed, health and your rearing objectives. The Evolution permits the daily feed allowance to be increased, maintained or reduced thus adapting to the calf's individual nutritional needs as it progresses towards weaning.



Quick overview of active Feed Stalls and feeding calves progress.



Easy navigation through out the calf inspection.







A list of editable Feed Curve options.



Clear and simple graph to show Feed Curve progression.

# Feed Stalls

The Evolution Feed Stalls can be used with both the S2 and S4 Control Units, offering versatility for growing herds. Each Feed Stall feeds up to 35 calves and can be located up to 7m from the Control Unit offering location flexibility. Each Feed Stall identifies calves and works with the Control Unit to dispense feed to the individual calves safely and hygienically. Changeable teats are protected by a teat guard to increase teat life. A status light on the top right corner informs you if the calf is feeding (constant light) or has consumed their allocated amount (flashing light).

-  Automatically dispenses temperature-controlled, consistently mixed feed to each identified calf.
-  Can be located up to 7 metres from the Control Unit.
-  Designed with a smooth edge to protect the feeding calf and reduce disturbance or bullying during feeding.
-  Anti-backing bar supports initial calf training in the system.
-  Robust, durable and easy to clean.
-  A Teat Wash (optional) cleans each teat after use for enhanced hygiene standards.



Feed Stall	
Working Capacity	35 calves
Dimensions	1449 L x 510 W x 1000 H
Weight	46kg








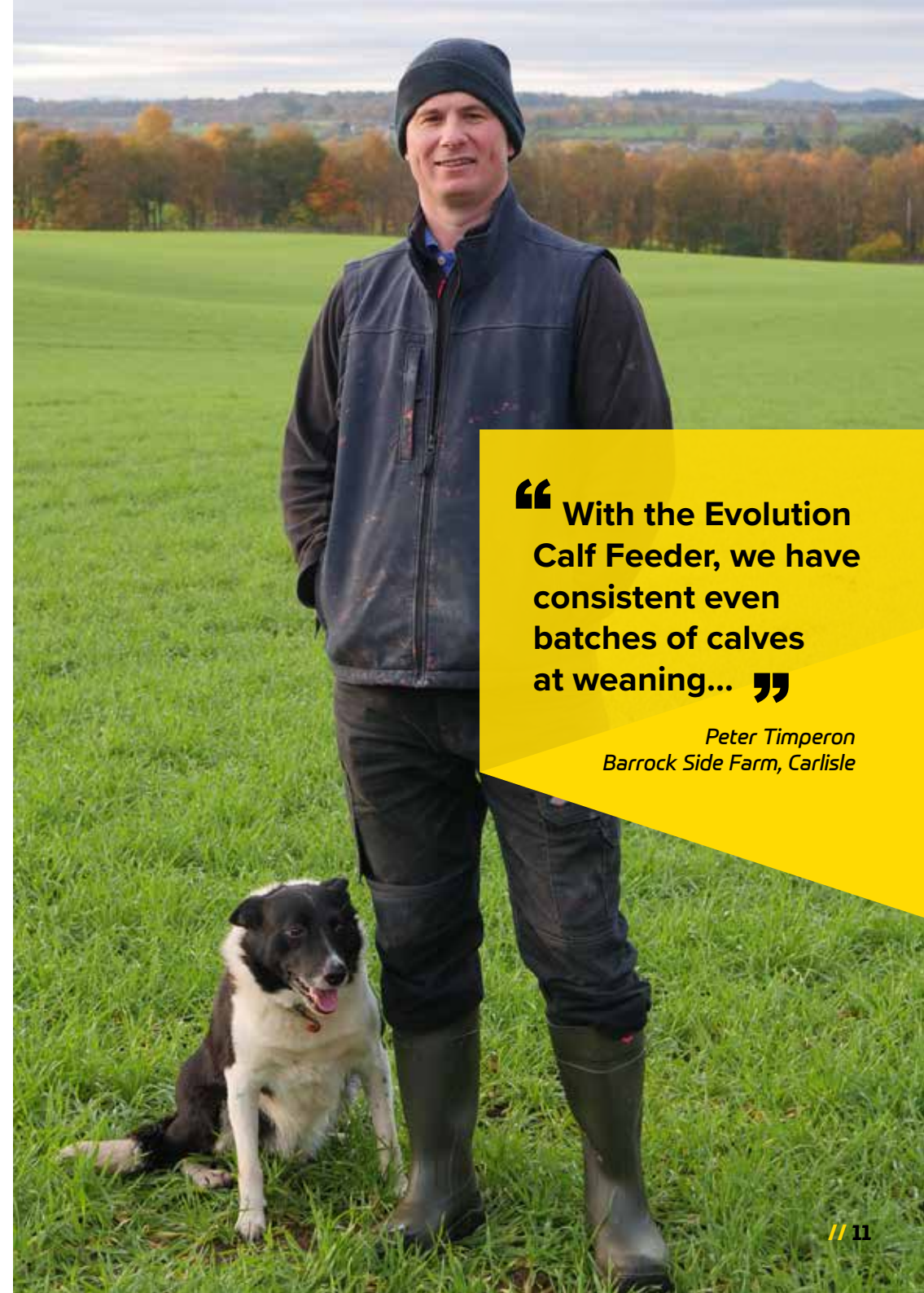


# Optimised Calf Nutrition

Calves are assigned to any one of seven highly customisable and flexible feed curves relative to their nutritional requirements, based on their age, breed, health and your rearing objectives through our 7-inch touchscreen.

The Evolution Automatic Calf Feeder facilitates the daily feed allowance, concentration, and distribution to be adapted and tailored to your calves as they progress towards weaning. Calf performance can be consistently monitored by a Traffic Light System. It allows you to quickly identify calves that are not consuming their assigned allocation and highlights them for further inspection.

-  Regular access to milk improves growth rates and leads to greater vitality and heavier calves at weaning while good nutrition in early life supports rumen development and enhanced fertility in later life thus maximising yields.
-  The Dual Hopper (available on the S4) allows bespoke feeds to be fed to specific calves e.g. a post colostrum transition feed to starter calves or a high-protein feed to heifer calves. It ensures all feeds are utilised efficiently.
-  Historic feed data analytics is available for in-depth nutritional analysis.
-  Reduced bullying during feeds leads to more even weight distribution throughout the herd.
-  The overall calf health is consistently monitored through the Traffic Light System.



**“ With the Evolution Calf Feeder, we have consistent even batches of calves at weaning... ”**

*Peter Timperon  
Barrock Side Farm, Carlisle*

## Mobile App & Web Portal

Connect online or via the Evolution Mobile App, this allows you to monitor individual calves feeding performance, additive consumption, and general feeding behaviour anytime, from anywhere.

- Notification alerts.
- Daily data back-up.
- Remote software updates.



## Teat Wash

The optional Automatic Teat Wash function reduces your workload by cleaning the teat inside and outside with water after the calf drinks its full allotment. The Automatic Teat Wash maintains the highest standard of hygiene with water and without any additional labour.



## Additive Dispenser

If calves require liquid or powder feed supplements or medication the Evolution Automatic Calf Feeder can be fitted with an Additive Dispenser to distribute the precise amount to the relevant calves with accuracy and without additional labour. This makes the administration of electrolytes, probiotics, or any other additive effortlessly and stress free for both the calf and farmer.



- Accurate measurements.
- Automatic administration.
- Efficiently treat calves.
- Monitored online and on the Evolution App.
- Maintains a record of administration.





“ The Evolution is extremely easy to use. Everything we need is on the touch screen. It shows the current feed and the 3 previous feeds for each calf. A green tick signals that everything’s okay... ”

*Dick Howley  
Kilkenny*





# Your Local Distributors details



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