



AGRI

# EVOLUTION



AUTOMATIC CALF FEEDER

A flexible Feeding System that saves up to 60% on labour!





With over 30 years' experience designing Calf Feeders we offer the ultimate calf feeding tool - the **JFC Evolution Automatic Calf Feeder**. It monitors and feeds individual calves assisting them achieve their full growth potential while helping you reduce farm labour. Available in 2 models, the **Evolution S2** and **Evolution S4** automatically feed up to 70 and 140 calves respectively.

Simply register each calf on the Control Unit using RFID ear tags and assign them 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. An **Automatic Cleaning Cycle** operates twice daily to further reduce labour.

Each calf's feed performance is consistently monitored on a touch screen display and for ultimate convenience this information is also available anytime, anywhere via the **JFC Agri Evolution Online App and Web Portal**.

Our dedicated technicians will recommend the most suitable Evolution System for your farm and install it for optimum usage. For ultimately peace of mind our Service and Maintenance Technicians offer backup support.

## Advantages of Automatic Feeding:

- Labour saving.
- Automatic cleaning.
- Individual Calf Feed Performance.
- Consistent milk concentration.
- Improved live weight gain.
- More even herd weights.
- Relaxed calves.
- Ease of weaning.

**“ The JFC Evolution is consistent, it's a great management tool that has saved us time and labour. ”**

Robert Flaherty  
Milltown, Co. Galway



## S2 Control Unit

The S2 Control Unit has a large capacity (40kg) single Hopper with 2 Feeder Stalls and automatically feeds up to **70 calves**. Each Feeder Stall can be located up to 7m from the Control Unit. The mixing bowl formulates and dispenses feed as per nutritional Feed Curves assigned to each calf. Complete with a 7-Inch Touch Screen the S2 Control Unit effectively monitors individual calf feeds and highlights feed performance via a simple traffic light display. Calves not consuming their allocated feed are quickly identified for closer inspection.

Code	AF70
Dimensions (mm)	902 D x 680 W x 1263 H
Weight	100kg

- Feeds 2 calves simultaneously.
- User & operator friendly.
- Easy to calibrate.
- Quick calf registration.
- Fly protection screen.
- Fully Automatic Cleaning Cycle.



# S4 Control Unit

The S4 Control Unit has a **Dual Hopper** (2 x 30kg capacity) and **Dual Mixing Bowl** allowing it to dispense 2 different types of Calf Feed thus offering more diverse nutritional settings. When used with 4 Feeder Stalls this system automatically feeds up to **140 calves**. Each Feeder Stall can be located up to 7m away from the Control Unit. Complete with a 7-Inch Touch Screen the S4 Control Unit effectively monitors individual calf feeds and highlights feed performance via a simple traffic light display. Calves not consuming their allocated feed are quickly identified for closer inspection.

Code	AF01
Dimensions (mm)	902 D x 740 W x 1263 H
Weight	132kg

- Feeds up to 4 calves simultaneously.
- User & operator friendly.
- Easy to calibrate.
- Quick calf registration.
- Fly protection screen.
- Fully Automatic Cleaning Cycle.





# Feeder Stall

Feeder Stalls are universal and can be used with both the S2 and S4 Control Units thus offering versatility for growing herds. It reads RFID ear tags and works with the Control Unit to dispense feed to the individual calves in a safe and hygienic manner. Changeable teats (AF-TE104) are protected by a teat guard to increase teat life.

Each Stall feeds up to 35 calves and can be located up to 7m from the Control Unit offering location flexibility. The status light on the top right corner informs you if the calf is feeding (constant light) or has consumed their allocated amount (flashing light).

Code	ST01
Dimensions (mm)	1449 D x 510 W x 1000 H
Weight	46kg

- Robust and durable.
- Anti-backing bars.
- Easy to clean.



“ The Evolution is a great time saver allowing us to raise happy and healthy calves. It has changed our lives on the farm. ”

Emma Davy  
Paul & David Hyland Farm  
Clogh, Co. Laois



# Optimise Calf Nutrition

Our 7 Inch Touch Screen has a user-friendly interface and is simple to navigate. 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. For optimum performance we recommend tailoring individual Feed Curves with your local Nutritionist.

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.



“ My six year old daughter is able to tell me if a calf is not drinking, that shows you how user friendly the Evolution really is. ”

Ned Kelly  
Nenagh, Co. Tipperary





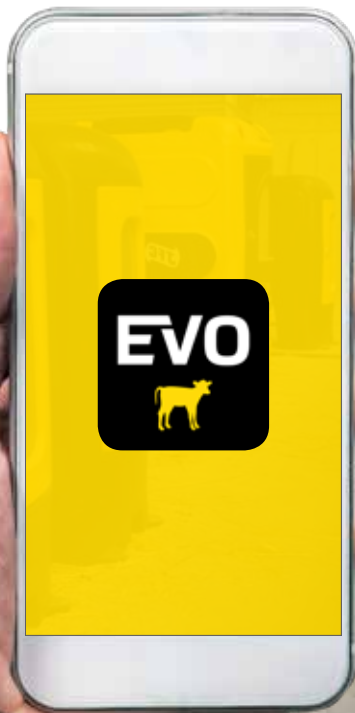
# Monitor Calf Feeding

## Anytime, Anywhere

For ultimate peace of mind our online **App and Web Portal** provides live data access 24/7 from anywhere in the world.

View individual Calf feeding performance with live updates of milk powder and mineral additives consumption and calf feeding behaviour. Individual recipes and Feed Curves can also be viewed.

- Notification Alerts.
- Daily Data back-up.
- Remote software updates.





## Installation

Our **dedicated technicians** will recommend the most suitable Evolution System for your farm and install it for optimum usage. Our **extensive training plan** ensures operators are fully trained on the required functions and our **Customer Service Team** is available for backup support.

## Maintenance

For ultimate ease-of-use an **Automatic Cleaning Cycle** activates twice daily and an **Intensive Shutdown Cleaning Cycle** is available for an end-of-season deep cleanse.

Operators should ensure the Feed Hopper(s) is full, all teats are in good condition and the cleaning detergent is at an optimum level.



# Complimentary Products

## Calf Isolation Unit

Our Calf Isolation Unit house individual calves for effective isolation and close monitoring during illness. The polyethylene body ensures the calf is warm, draught-free and housed in a clean environment. The Isolation Unit is supplied with a hanging bracket and infrared heat lamp. To reduce the spread of infection we recommend that the Isolation Unit be washed and disinfected after each use. An effluent tray (IU-01-T) complete with roller wheels is also available on request.

<b>CODE</b>	IU-01
<b>DIMENSIONS (MM)</b>	1737D x 1020W x 1200H



## Wall Mountable Chemical Storage Cabinet

- Wall mountable cabinet for the safe storage of pesticides, farm chemicals and detergents.
- Fitted with two aluminium shelves.
- Shelf load Capacity 40kg.
- Bunded safety feature controls possible spillages.
- Lockable unit for security.
- Complete with vent.



<b>CODE</b>	<b>CAPACITY</b>	<b>DIMENSIONS (MM)</b>
SC-03-Evo	Overall 180 L / Bunded 16 L	435 D x 540 W x 915 H

## Calf Slat

Our Calf Slats are tough, easy to handle and maintain, allowing for a shorter cleaning cycle. They fit perfectly in group pens reducing the need for straw or other bedding.

- Keeps calves clean and dry.
- Lightweight and easy to install.
- Weather resistant.
- Long lasting and low maintenance.
- Reduce bedding costs.
- Can be stored neatly for later use.



<b>CODE</b>	<b>DIMENSIONS (MM)</b>
SL09-1	1200 D x 900 W x 120 H



“ The Backup service has  
been fantastic ”

Ned Kelly  
*Co. Tipperary*

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