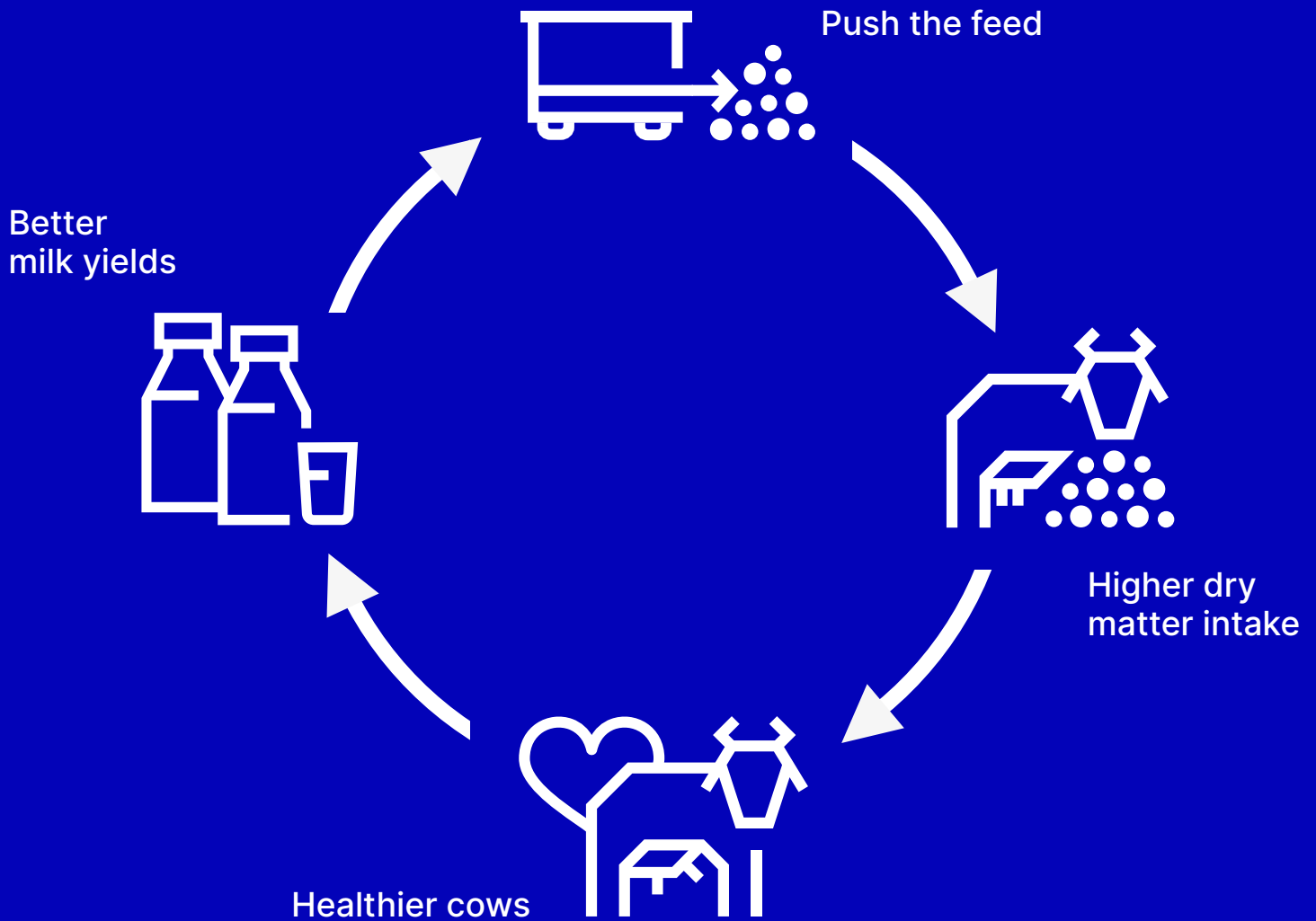




# GEA FEED PUSHER DAIRYFEED F4800

Less work, healthier cows, higher yields



# LESS WORK, HIGHER YIELDS.

Continuous availability of feeding increases feed intake and is the basis of profitable milk production and healthy cows. The GEA DairyFeed F4800 automated feed pusher plays a key role in helping you achieve this goal.

# GEA DAIRYFEED F4800 – NO MORE PUSHING FEED MANUALLY!

Fully automated, reliable, and precise. GEA DairyFeed F4800 takes over the laborious task of feed pushing and working around the clock, at fixed times set by you.

Frequent pushing feed stimulates cow traffic, increases dry matter intake, promotes animal health and contributes to better milk production. This also leaves you and your employees with fewer time-consuming, physical tasks, giving you more time to spend on other important tasks or leisure activities.

## **Continuous feed availability supports cow health**

The reliable 24/7 availability of feed reduces competition among cows and allows all animals of a herd to have the highest dry matter intake possible and reduces stress for lower ranked cows.

GEA DairyFeed F4800 is fitted with established technology which pushes the feed precisely up to the feeding fence, enabling the cows to reach it easily without having to stretch. This reduces the chance of issues with their front hooves and withers.

## **More cow traffic, increased milk production**

Whether combined with conventional or automatic milking systems, F4800 is the ideal partner to optimize the profitability of your dairy farm. It supports increased cow visits at the feed lane and therefore intake of dry matter, resulting in more milk production.

## **Less work, more flexibility**

Never push feed manually again! You set the time schedule and routes for feed pushing, and the F4800 pushes feed day and night to the selected groups of cows, fully automatically and silently. This saves you valuable time and gives you more flexibility in the day-to-day running of your farm.

## **Sustainable cost savings**

Increased consumption of feed significantly reduces the amount of feed waste. This not only lowers your costs but also improves the sustainability and environmental footprint of your dairy production.



# GEA DAIRYFEED F4800 – SMART SOLUTIONS FOR EVERY BARN.

As a dairy farmer, you understand that smart solutions are essential to be able to best meet the requirements of your farm and produce high-quality milk in a way that is cost-effective and sustainable, while keeping your animals healthy. DairyFeed F4800 is therefore available in two robust design options to provide regular, automated feed pushing for every type of barn.

- Basic model
- Skirt lift function
- Door opening function\*

The door opening function is made available for farms where the feed pusher is supposed to operate in different barn sections and will need to move from inside to outside and vice versa and therefore doors are required to be opened or closed. This is useful when farms want to keep the barn doors closed because of the weather conditions.

\*This function only works with special doors capable of processing external signals.



### Easy to programm, flexible operation

Setting up the GEA DairyFeed F4800 is quick and easy. You can schedule a 24 or 48-hour cycle for routes and start times, perfectly adapted to your needs and those of your groups of cows. You can create an unlimited number of routes. As the pusher can turn to the left or right as standard, it is able to go back along the same path – a key benefit for efficient route-planning.

### Flexible placement of the parking and charging station

The position and route of the fully automated feed pusher is calculated by means of transponder, a sensor technology and a gyroscope, which are embedded in the floor of the barn without creating an obstacle. The start and end point of each route is the charging station, which you can place directly inside or outside the barn. After its work is done, the F4800 travels independently back to the station, where it automatically charges its battery.

### Smart drive function for reliable working

The robust F4800 has a rotating stainless-steel drum, driven by a powerful electric motor with smart speed control. This means that large or uneven amounts of feed in front of the feed fence are not a problem. The pusher reduces its speed, allowing it to increase its pushing power and reliably do its job.

### Fast and safe, even in large barns

The F4800 is well-equipped to deal with the requirements of a large barn, too. Two motors with efficient hypoid gearboxes allow the pusher to be operated at two speed levels with 12 meters per minute or 6 meters per minute. Special profile wheels, in combination with a guide roller mounted on the front of the robot, ensure a secure grip on slippery ground.

### Flexible time and route planning

The F4800 software allows you to set specific time schedules and route plans in order to best meet your requirements and needs while feeding different cow groups. Every group of cows should be treated based upon their needs. For instance this means for high yielding cows you most likely want to push feed more frequently compared to a group of dry cows. This will support herd health and allows your herd to achieve its full milking potential. In addition feed waste is also going to be reduced. Examples for programming:

- Offset start times for earlier or later feeding
- Day schedules for one-off feeding at irregular times
- Day schedules for cows which only need feeding once every two days
- External parking, e.g. outside the barn during feeding
- Quick start/start wizard: establishes a route without returning to the charging station
- Pause/play function: pause and restart





## Obstacles are not a problem.

Unevenness, height differences or thresholds – the floor of the barn is not always smooth. With a lift function which can raise the skirt of the drum, the GEA DairyFeed F4800 is well-equipped for all of these obstacles. It can even maneuver across ground with a slope or incline of up to 15% without issue. When the skirt is raised, the robot is able to keep out of contact with slurry and is therefore also hygienic.

# EQUIPMENT, SERVICE AND EXPERTISE FOR ALL AREAS OF YOUR FARM.



## Key benefits at a glance

- Less work, more time flexibility
- Reliable 24/7 availability of feed for every group of cows
- Increased intake of dry matter
- Minimised feed waste
- Healthier cows, increased fertility
- Improved milk yields
- Greater profits
- Improved sustainability and environmental footprint

GEA understands what farmers need and our team offers solutions for achieving maximum efficiency, consistent milk quality and an improved herd performance.

Working together with you and your staff, we can help your farm achieve maximum results, so your cows are healthy and can perform at their best.

For more information, please contact your local GEA dealer.



Scan this QR code and find  
the nearest GEA dealer.

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