

GEA AUTOMATIC TEAT SPRAY SYSTEMS

MADE IN NEW ZEALAND

Automated teat spraying for better coverage and minimal labour.

GEA Engineering for a better world.

GEA.com/australia

INNOVATIVE TEAT SPRAY SYSTEMS THAT WORK.

You may as well do it right if you’re going to do it anyway.

GEA automatic teat spray systems make teat care after milking easier and more reliable. With walkover and on-platform options, these systems take the hassle out of manual spraying, ensuring better precision and coverage – key for udder health and preventing mastitis.

GEA’s iSPRAY-VISION walkover sprayer, powered by AI, can fit into any rotary or herringbone setup and automatically activates as each cow walks over the unit on the exit race.

The iSPRAY4 on-platform sprayer is perfect for rotary systems, automatically spraying the cows after milking.

By using these systems, dairy farmers can save time on labour, without compromising on udder health.

Walkover teat sprayer

iSPRAY-VISION

On-platform teat sprayer

iSPRAY4

Mixing and delivery

FIL Intelliblend

Better teat spray coverage.

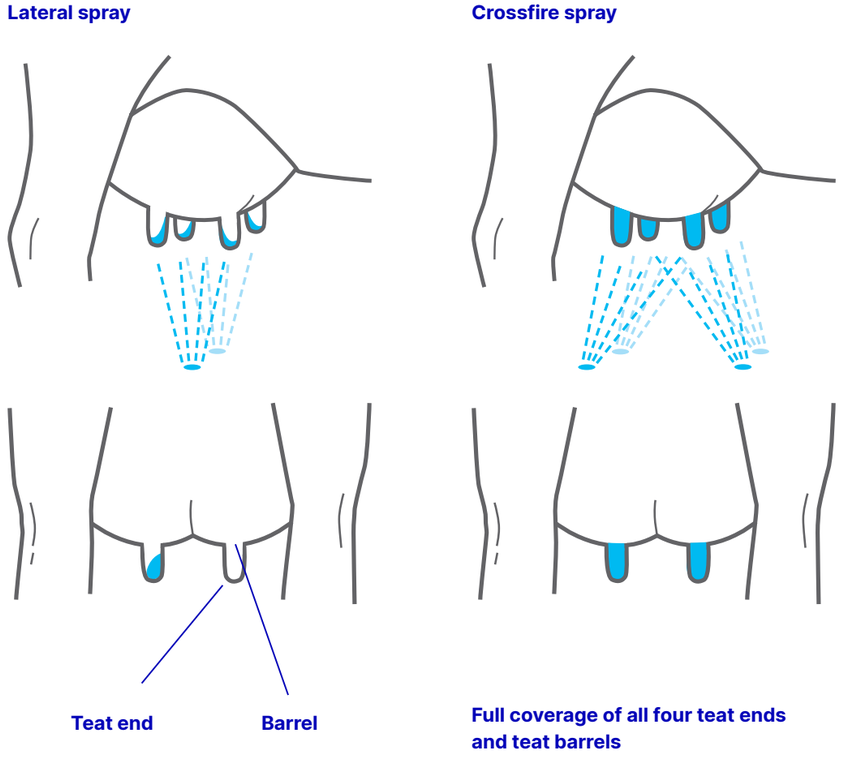
Most automated sprayers just place a droplet on the teat end, but studies show that’s not enough. For protection against mastitis, you need full coverage of both the teat end and the teat barrel to stop bacteria from entering the teat canal after milking.

That’s why GEA’s walkover and on-platform sprayers are designed to cover the whole teat barrel, using a precise crossfire spray pattern that delivers over 80% coverage on all teats.

50%

reduction in new mastitis

Accurate teat spray application after milking has been proven to reduce the incidence of new mastitis infections by 50% when done correctly.



WALKOVER TEAT SPRAYER

Ensure your herd’s udder health is in expert hands with the iSPRAY-VISION, our state-of-the-art walkover teat sprayer.

Designed for both herringbone and rotary milking systems, the system uses AI-driven camera technology to deliver superior teat spray coverage with minimal waste - ensuring optimal mastitis protection for every cow.

Equipped with real-time cow tracking technology, it automatically adjusts to varying cow behaviours - whether she’s walking calmly, moving quickly, or pushing forward.

It also precisely times each spray to the cow’s speed, reducing wastage and ensuring consistent application.

Easy to install and seamlessly integrate into your existing milking setup it requires no additional equipment, providing hassle-free, cost-effective udder health management that will help you achieve faster ROI.



Uses AI technology for real time cow tracking

Tested in real farm environments

Easy to install into your existing exit lane



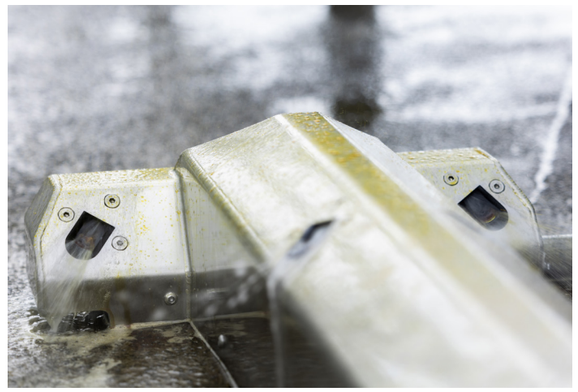
The camera technology tracks the cow in real time to spray erratic behaviours like pushing or fast-moving cows, ensuring accurate spraying no matter the situation.



Optimised spray time adjusts spray duration based on the cow’s speed, reducing excess spray usage while still achieving full coverage.



Robust four-nozzle design provides thorough coverage of both the front and back teats of moving cows.



The spray nozzles are automatically cleaned at regular intervals to prevent getting blocked.



The low-profile ‘T’ design allows the cows to comfortably walk over the unit and encourages smooth cow flow.



The camera and sensors are securely mounted above the walkover unit, keeping it entirely unobstructed and clean.

ON-PLATFORM TEAT SPRAYER

Free up time with GEA's on-platform teat sprayer, the iSPRAY4.

Designed for seamless integration into any rotary set up, it automates another task during the busy milking routine. When paired with automatic cup removers, it eliminates the need for an operator in the cups-off area, significantly reducing labour costs and workload.

The iSPRAY4 is installed in every bail, ensuring each cow receives the right amount of teat spray before leaving the platform.

Its four strategically positioned spray nozzles create a crossfire spray pattern, providing superior coverage of all four quarters.

With no need for someone at cups off, the iSPRAY4 automatically applies teat spray within five seconds after cluster removal. This is a critical time when the teat canal is still open and highly susceptible to mastitis-causing pathogens, ensuring timely protection against infection.



Complete teat-end and barrel coverage

No more manual teat spraying

Better protection against mastitis pathogens



Each unit has pre- and post-spray nozzles. The pre-spray nozzles are set wider apart for milk-filled udders, when teats are typically positioned further apart.

The post-spray nozzles are set closer together for milked out udders, when teats are typically positioned closer together.



The crossfire spray action provides full coverage around both the teat end and barrel.



The unit also acts as a leg separator, helping cows stand in the correct position for cup attachment and spray application. The grooved centre helps cup alignment and easy wash down.

INTELLIBLEND MIXING AND DELIVERY SYSTEM

OPTIONAL ADD-ON

No more manual mixing or guesswork.

Drawing teat spray and emollient straight from the drum, the Intelliblend accurately mixes teat spray at set ratios of concentrate to water, eliminating product wastage and inconsistencies found with manual mixing. You'll also have continuous delivery of teat spray to the nozzle, without the need to refill a spray tank.

Achieve accuracy, every time.

The unit will self-prime and prepare RTU teat spray on demand once switched on before milking. During periods where extra emollient is required, you can easily programme it to add an extra 5% or 10% emollient.

You won't run out of teat spray mid milking.

An alarm notifies staff when teat spray and emollient drum contents are running low, and again when the drum is empty. In the instance of running out, you will have enough RTU teat spray for one more milking.

Works with any teat spray system.

Being a pressurised unit, the Intelliblend can be retrofitted into any system: wand, ambic, on-platform or walkover. It can also be used as a standalone unit.



The Intelliblend is a robust and reliable mixing system to further automate the teat spray routine.

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