



# TEAT SPRAY SYSTEM GEA DAIRYMILK M6530

The benchmark in teat spraying





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see the video.

# GEA TEAT SPRAY SYSTEM

The next generation of automatic Teat Spray Systems for rotary milking parlors standardizes the milking process, optimizes the cow's position for even easier attachment and supports clean and better milking out.

Designed for rotary milking systems, the GEA Teat Spray System achieves exceptional coverage, covering the entire teat barrel with teat spray. Therefore, providing the best protection against pathogens that can cause costly udder infections.

The Teat Spray System is fully automatic and can be integrated into many GEA rotary systems. This standardizes the milking routine and makes it possible to save one worker for manual dipping. By reducing the workload and possibly saving labor for dipping, a significant cost saving is achieved while improving the teat and udder health of the entire herd.

## Four pre-spray nozzles

The GEA Teat Spray System can deliver full teat barrel pre-spray coverage to cows before the cluster is attached. The pre-dip agent is wiped off before attachment, allowing for even more hygienic milking.

Pre-spray nozzles are set wide to ensure complete coverage of the filled udder.



Pre-spray nozzles set wider apart for milk-filled udders, where teats are set further apart.



Reduce labour without compromising your herds' udder health



Automate your milking routine

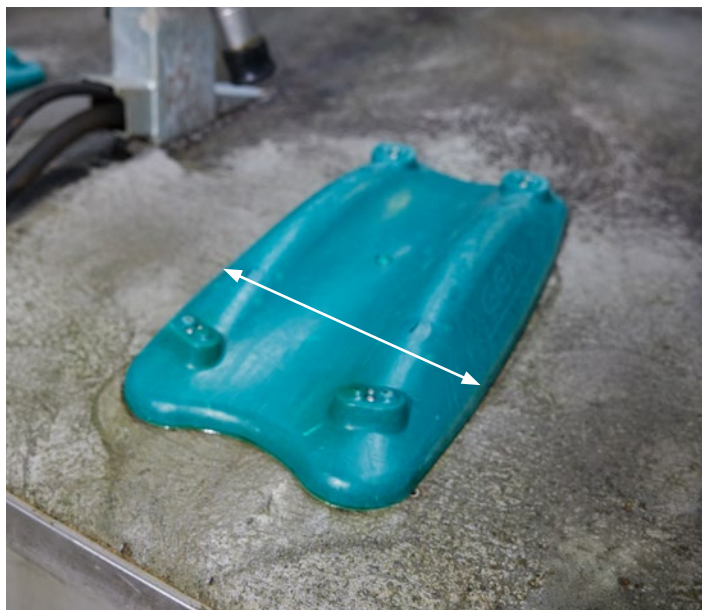
## Four post-spray nozzles

With four designated post-spray nozzles set closer together to cater for milked-out udders, the GEA Teat Spray System provides optimal coverage of the full teat barrel directly after milking, ensuring teat canal are protected from harmful pathogens.



Post-spray nozzles set closer together for milked-out udders, where teats are positioned closer together.



**Cow positioning aid**

The cows are always in the optimal position for attaching and applying the teat spray, because they usually do not step on the Teat Spray System. This always creates space for the more comfortable and faster application from behind.

**Better spray coverage**

For cows and heifers of all sizes and breeds.

**The teat spray is applied immediately after milking**

Immediately after cluster removal





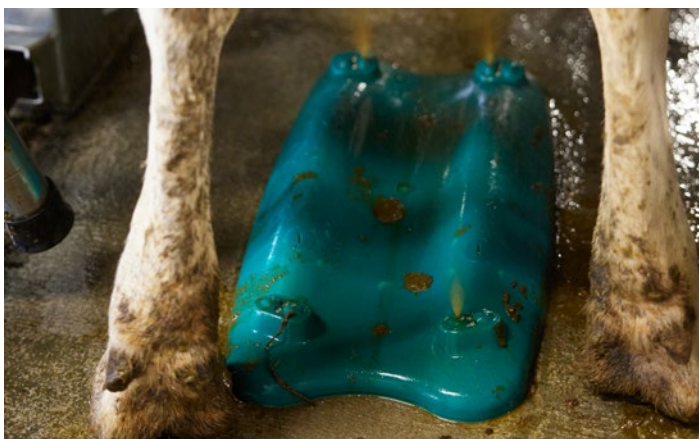
#### **Grooved center**

For optimal cluster and milk tube alignment and easy clean-down



#### **Cross-fire spray technology**

For full coverage of all four teats



#### **Use different teat-spray product combinations**

At both pre and post-spraying



#### **Continuous delivery of teat spray**

So that there is always enough dipping agent for milking



#### **Reduce labor**

No one required for dipping





Full teat end and teat barrel coverage, as shown in this UV light test.

# COVERAGE IS KEY

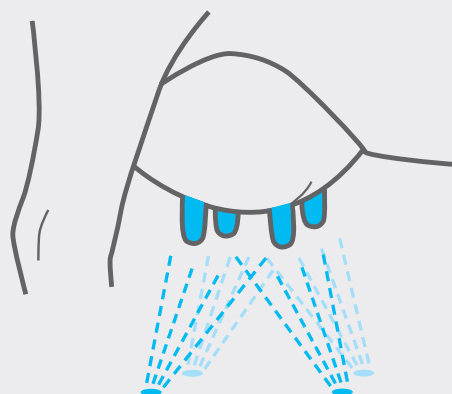
## Teat spray application

With the automatic Teat Spray System – GEA DairyMilk M6530

**Lateral spray**



**Cross-fire spray**

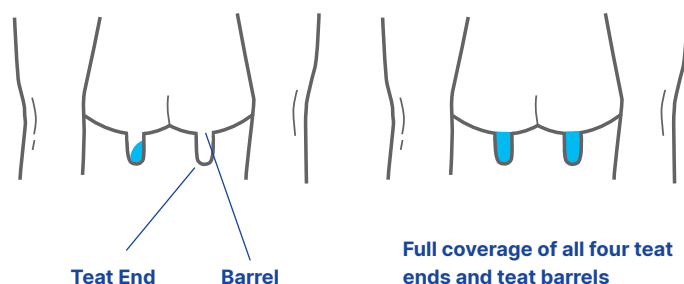


There are several automatic teat sprayers on the market whose aim is to get a droplet of teat spray on the end of each teat. However, research has shown that this method of application is not enough. Full barrel teat spray coverage of both the teat end and the teat barrel is key to fighting pathogens entering the teat canal after milking. It is precisely what the GEA Teat Spray System offers you.

GEA DairyMilk M6530 uses cross-fire spray technology that provides accurate and complete coverage of the teats and teat barrel.

The dipping agent is applied within 4 seconds after removing the cluster. The application of teat spray directly after milking is crucial, when the teat canal is open and highly susceptible to pathogens.

Complete coverage of the entire teat is key to the design of the GEA Teat Spray System, so the easily adjustable dosage rate is between 12-32mL per cow per dose. The goal is to achieve 80% or higher coverage rate across the herd.









“Our somatic cell count was sitting at 150,000. Since installing the GEA Teat Spray System, it is settled at 90,000”.

**Andrew Pritchard – Taranaki, New Zealand**  
Milking 420 cows through a 50-bail rotary.



# SIMPLE TO INSTALL

Easy to install and with a future-proof upgrades.  
The GEA Teat Spray System can be added to either a new rotary build or an existing rotary milking parlor!

## Configuration with GEA Milking Controller

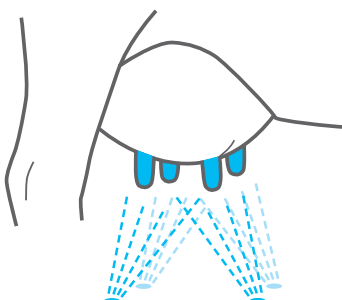


This pump, which is operated with compressed air, conveys the dipping agent from the drum(s) via the central nozzle to the spraying unit.



**The GEA Controller is mounted in each bail and has three key functions:**

1. Controls a timer to determine exactly when to dip the teats.
2. Monitors the complete milking process and detects any milking errors, ensuring animals are only sprayed when milking is completed without error
3. Dipping before and after milking can be done at a fixed position with the Infrared Technology



### Teat Spray System

Teat spray is delivered to each cow within the bail directly after milking has finished





